

August 31, 2006

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
**RBU 23-10E**

Surface Location: 2,007' FSL & 1,168' FEL, NE/4 SE/4,  
Target Location: 2,350' FNL & 1,350' FEL, SW/4 NE/4,  
Section 10, T10S, R19E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional 20-acre in-field well. The location of the surface and target location as well as all points along the intended well bore path are not within 460 feet of the unit boundary or any uncommitted tracts. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Carla Christian, Dominion  
Ken Secrest, Dominion

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DIV. OF OIL, GAS & MINING **CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-013792
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. River Bend Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. RBU 23-10E
3b. Phone No. (include area code) 405-749-5263		9. API Well No. 43-047-38587
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 2,007' FSL & 1,168' FEL, NE/4 SE/4, At proposed prod. zone 2,350' FNL & 1,350' FEL, SW/4 NE/4,		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 9.97 miles southwest of Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 10, T10S, R19E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1,168'	16. No. of acres in lease 1,882.20 acres	17. Spacing Unit dedicated to this well 20 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 10'	19. Proposed Depth 8,900' TVD (9,137' MD)	20. BLM/BIA Bond No. on file WY 3322
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,041' GR	22. Approximate date work will start* 03/01/2007	23. Estimated duration 14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 08/31/2006
Title Agent for Dominion		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 09-25-06
Title Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

Federal Approval of Action Is Necessary **CONFIDENTIAL**

Surf

BHL 605597X  
4424148Y

605659X  
4423865Y  
39. 960223  
-109. 762958

39. 962779  
-109. 763643

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OIL, GAS & MINING

DOMINION EXPLR. &amp; PROD., INC.

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 23-10E  
SHL: 2007' FSL & 1168' FEL Section 10-10S-19E  
BHL: 2350' FNL & 1350' FEL Section 10-10S-19E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,340'
Uteland Limestone	4,710'
Wasatch	4,880'
Chapita Wells	5,800'
Uteland Buttes	7,090'
Mesaverde	7,980'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,340'	Oil
Uteland Limestone	4,710'	Oil
Wasatch	4,880'	Gas
Chapita Wells	5,800'	Gas
Uteland Buttes	7,090'	Gas
Mesaverde	7,980'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,375'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,900'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 3,375'	8.6	Fresh water, rotating head and diverter
3,375' - 8,900'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,375'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	397	0'-2,875'	10.5 ppg	4.14 CFS	938 CF	1,642 CF
Tail	254	2,875'-3,375'	15.6 ppg	1.2 CFS	174 CF	305 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 4.14 cf/sack      Slurry weight: 10.5 #/gal.  
Water requirement: 26.07 gal/sack  
Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.  
Slurry yield: 1.20 cf/sack      Slurry weight: 15.6 #/gal.  
Pump Time: 1 hr. 5 min. @ 110 °F.  
Compressives @ 110 °F: 2,500 psi after 24 hours

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,900'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	90	4,080'-4,880'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	800	4,880'-8,900'	13.0 ppg	1.75 CFS	696 CF	1393 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: March 1, 2007  
Duration: 14 Days

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**Dominion™**

## Dominion Exploration & Production

Field: Uintah County, Utah  
Site: RBU #23-10E  
Well: RBU #23-10E  
Wellpath: Original Hole  
Plan: Plan #1



Azimuths to Grid North  
True North: -1.11°  
Magnetic North: 10.67°

Magnetic Field  
Strength: 52805nT  
Dip Angle: 65.91°  
Date: 8/24/2006  
Model: igr2005

### FIELD DETAILS

Uintah County, Utah  
Utah - Natural Buttes  
USA

Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: Utah, Central Zone  
Magnetic Model: igr2005  
System Datum: Mean Sea Level  
Local North: Grid North

### SITE DETAILS

RBU #23-10E  
Uintah/Utah  
Section 10: 10S-19E  
Site Centre Latitude: 39°57'36.800N  
Longitude: 109°45'49.850W  
Ground Level: 5041.00  
Positional Uncertainty: 0.00  
Convergence: 1.11

### WELLPATH DETAILS

Original Hole

Rig:	Ref. Datum:	Est. RKB Elev.	5060.00ft
V. Section Angle	Origin +N-S	Origin +E-W	Starting From TVD
348.80°	0.00	0.00	0.00

### WELL DETAILS

Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
RBU #23-10E	0.00	0.00	7158971.78	2127030.19	39°57'36.800N	109°45'49.850W	N/A

### TARGET DETAILS

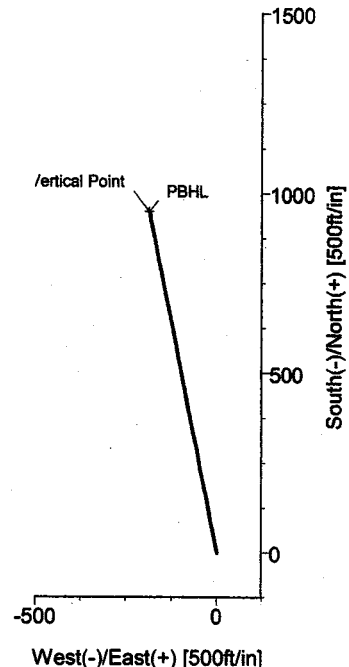
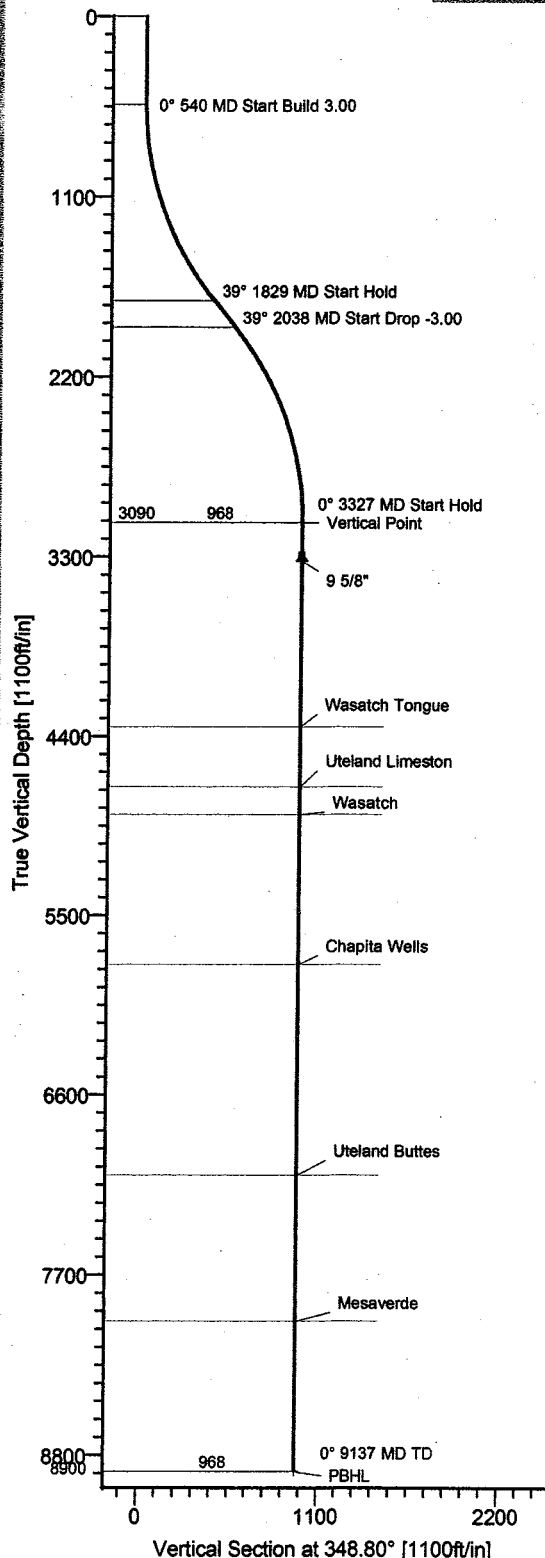
Name	TVD	+N-S	+E-W	Shape
Vertical Point	3090.00	949.75	-188.07	Point
PBHL	8900.00	949.75	-188.07	Point

### FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	4340.00	4577.20	Wasatch Tongue
2	4710.00	4947.20	Uteland Limestone
3	4880.00	5117.20	Wasatch
4	5800.00	6037.20	Chapita Wells
5	7090.00	7327.20	Uteland Buttes
6	7980.00	8217.20	Mesaverde

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	348.80	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	348.80	540.00	0.00	0.00	0.00	0.00	0.00	
3	1829.33	38.68	348.80	1733.61	410.95	-81.38	3.00	348.80	418.93	
4	2037.87	38.68	348.80	1896.40	538.80	-106.69	0.00	0.00	549.26	
5	3327.21	0.00	348.80	3090.01	949.75	-188.07	3.00	180.00	968.19	
6	3327.22	0.00	348.80	3090.02	949.75	-188.07	0.00	0.00	968.19	Vertical Point
7	9137.20	0.00	348.80	8900.00	949.75	-188.07	0.00	348.80	968.19	PBHL



Ryan Energy Technologies  
19510 Oil Center Blvd  
Houston, TX 77073  
Ph: 281-443-1414  
Fx: 281-443-1676



**Ryan** The leader in  
UNDERGROUND INTELLIGENCE™

Plan: Plan #1 (RBU #23-10E/Original Hole)

Created By: Charlotte Sims Date: 8/24/2006  
Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**CONFIDENTIAL**



# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: RBU #23-10E  
Well: RBU #23-10E  
Wellpath: Original Hole

Date: 8/24/2006 Time: 15:05:09 Page: 1  
Co-ordinate(NE) Reference: Well: RBU #23-10E, Grid North  
Vertical (TVD) Reference: Est. RKB Elev. 5060.0  
Section (VS) Reference: Well (0.00N,0.00E,348.80Azi)  
Plan: Plan #1

Field: Uintah County, Utah  
Utah - Natural Buttes  
USA

Map System: US State Plane Coordinate System 1983  
Geo Datum: GRS 1980  
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone  
Coordinate System: Well Centre  
Geomagnetic Model: igrf2005

Site: RBU #23-10E  
Uintah/Utah  
Section 10: 10S- 19E

Site Position:  
From: Geographic  
Position Uncertainty: 0.00 ft  
Ground Level: 5041.00 ft

Northing: 7158971.78 ft  
Easting: 2127030.19 ft

Latitude: 39 57 36.800 N  
Longitude: 109 45 49.850 W  
North Reference: Grid  
Grid Convergence: 1.112 deg

Well: RBU #23-10E

Slot Name:

Well Position: +N/-S 0.00 ft  
+E/-W 0.00 ft  
Position Uncertainty: 0.00 ft

Northing: 7158971.78 ft  
Easting: 2127030.19 ft

Latitude: 39 57 36.800 N  
Longitude: 109 45 49.850 W

Wellpath: Original Hole

Current Datum: Est. RKB Elev. Height 5060.00 ft  
Magnetic Data: 8/24/2006  
Field Strength: 52805 nT  
Vertical Section: Depth From (TVD) ft  
+N/-S ft

Drilled From: Surface  
Tie-on Depth: 0.00 ft  
Above System Datum: Mean Sea Level  
Declination: 11.787 deg  
Mag Dip Angle: 65.909 deg  
+E/-W ft  
Direction deg

0.00 0.00 0.00 348.80

Plan: Plan #1

Date Composed: 8/24/2006  
Version: 1  
Tied-to: From Surface

Principal: Yes

### Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	348.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
100.00	0.00	348.80	100.00	0.00	0.00	0.00	0.00	0.00	0.00	348.799
200.00	0.00	348.80	200.00	0.00	0.00	0.00	0.00	0.00	0.00	348.799
300.00	0.00	348.80	300.00	0.00	0.00	0.00	0.00	0.00	0.00	348.799
400.00	0.00	348.80	400.00	0.00	0.00	0.00	0.00	0.00	0.00	348.799
500.00	0.00	348.80	500.00	0.00	0.00	0.00	0.00	0.00	0.00	348.799
540.00	0.00	348.80	540.00	0.00	0.00	0.00	0.00	0.00	0.00	348.799

### Section 2 : Start Build 3.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.80	348.80	599.99	0.92	-0.18	0.94	3.00	3.00	0.00	0.000
700.00	4.80	348.80	699.81	6.57	-1.30	6.70	3.00	3.00	0.00	0.000
800.00	7.80	348.80	799.20	17.33	-3.43	17.67	3.00	3.00	0.00	0.000
900.00	10.80	348.80	897.87	33.18	-6.57	33.83	3.00	3.00	0.00	0.000
1000.00	13.80	348.80	995.57	54.08	-10.71	55.13	3.00	3.00	0.00	0.000
1100.00	16.80	348.80	1092.01	79.96	-15.83	81.51	3.00	3.00	0.00	0.000
1200.00	19.80	348.80	1186.94	110.76	-21.93	112.91	3.00	3.00	0.00	0.000
1300.00	22.80	348.80	1280.10	146.39	-28.99	149.23	3.00	3.00	0.00	0.000
1400.00	25.80	348.80	1371.23	186.75	-36.98	190.38	3.00	3.00	0.00	0.000
1500.00	28.80	348.80	1460.08	231.74	-45.89	236.24	3.00	3.00	0.00	0.000
1600.00	31.80	348.80	1546.41	281.22	-55.69	286.68	3.00	3.00	0.00	0.000
1700.00	34.80	348.80	1629.98	335.07	-66.35	341.58	3.00	3.00	0.00	0.000
1800.00	37.80	348.80	1710.57	393.14	-77.85	400.77	3.00	3.00	0.00	0.000
1829.33	38.68	348.80	1733.61	410.95	-81.38	418.93	3.00	3.00	0.00	0.000

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# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: RBU #23-10E  
Well: RBU #23-10E  
Wellpath: Original Hole

Date: 8/24/2006 Time: 15:05:09 Page: 2  
Co-ordinate(NE) Reference: Well: RBU #23-10E, Grid North  
Vertical (TVD) Reference: Est. RKB Elev. 5060.0  
Section (VS) Reference: Well (0.00N,0.00E,348.80Azi)  
Plan: Plan #1

### Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1900.00	38.68	348.80	1788.77	454.27	-89.96	463.09	0.00	0.00	0.00	0.000
2000.00	38.68	348.80	1866.84	515.58	-102.10	525.59	0.00	0.00	0.00	0.000
2037.87	38.68	348.80	1896.40	538.80	-106.69	549.26	0.00	0.00	0.00	0.000

### Section 4 : Start Drop -3.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2100.00	36.82	348.80	1945.52	576.11	-114.08	587.29	3.00	-3.00	0.00	180.000
2200.00	33.82	348.80	2027.11	632.81	-125.31	645.10	3.00	-3.00	0.00	180.000
2300.00	30.82	348.80	2111.61	685.24	-135.69	698.55	3.00	-3.00	0.00	180.000
2400.00	27.82	348.80	2198.80	733.27	-145.20	747.51	3.00	-3.00	0.00	180.000
2500.00	24.82	348.80	2288.42	776.75	-153.81	791.83	3.00	-3.00	0.00	180.000
2600.00	21.82	348.80	2380.25	815.57	-161.50	831.41	3.00	-3.00	0.00	180.000
2700.00	18.82	348.80	2474.01	849.63	-168.24	866.13	3.00	-3.00	0.00	180.000
2800.00	15.82	348.80	2569.47	878.82	-174.02	895.89	3.00	-3.00	0.00	180.000
2900.00	12.82	348.80	2666.35	903.08	-178.83	920.61	3.00	-3.00	0.00	180.000
3000.00	9.82	348.80	2764.40	922.32	-182.64	940.23	3.00	-3.00	0.00	180.000
3100.00	6.82	348.80	2863.34	936.51	-185.45	954.69	3.00	-3.00	0.00	180.000
3200.00	3.82	348.80	2962.89	945.60	-187.25	963.96	3.00	-3.00	0.00	180.000
3300.00	0.82	348.80	3062.80	949.56	-188.03	968.00	3.00	-3.00	0.00	180.000
3327.21	0.00	348.80	3090.01	949.75	-188.07	968.19	3.00	-3.00	0.00	-180.000

### Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3327.22	0.00	348.80	3090.02	949.75	-188.07	968.19	0.00	0.00	0.00	348.799

### Section 6 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3400.00	0.00	348.80	3162.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
3500.00	0.00	348.80	3262.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
3562.20	0.00	348.80	3325.00	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
3600.00	0.00	348.80	3362.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
3700.00	0.00	348.80	3462.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
3800.00	0.00	348.80	3562.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
3900.00	0.00	348.80	3662.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4000.00	0.00	348.80	3762.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4100.00	0.00	348.80	3862.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4200.00	0.00	348.80	3962.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4300.00	0.00	348.80	4062.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4400.00	0.00	348.80	4162.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4500.00	0.00	348.80	4262.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4577.20	0.00	348.80	4340.00	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4600.00	0.00	348.80	4362.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4700.00	0.00	348.80	4462.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4800.00	0.00	348.80	4562.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4900.00	0.00	348.80	4662.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
4947.20	0.00	348.80	4710.00	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5000.00	0.00	348.80	4762.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5100.00	0.00	348.80	4862.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5117.20	0.00	348.80	4880.00	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5200.00	0.00	348.80	4962.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5300.00	0.00	348.80	5062.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5400.00	0.00	348.80	5162.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5500.00	0.00	348.80	5262.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5600.00	0.00	348.80	5362.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5700.00	0.00	348.80	5462.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5800.00	0.00	348.80	5562.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
5900.00	0.00	348.80	5662.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6000.00	0.00	348.80	5762.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799

CONFIDENTIAL



# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: RBU #23-10E  
Well: RBU #23-10E  
Wellpath: Original Hole

Date: 8/24/2006 Time: 15:05:09 Page: 3  
Co-ordinate(NE) Reference: Well: RBU #23-10E, Grid North  
Vertical (TVD) Reference: Est. RKB Elev. 5060.0  
Section (VS) Reference: Well (0.00N,0.00E,348.80Azi)  
Plan: Plan #1

### Section 6 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6037.20	0.00	348.80	5800.00	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6100.00	0.00	348.80	5862.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6200.00	0.00	348.80	5962.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6300.00	0.00	348.80	6062.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6400.00	0.00	348.80	6162.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6500.00	0.00	348.80	6262.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6600.00	0.00	348.80	6362.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6700.00	0.00	348.80	6462.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6800.00	0.00	348.80	6562.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
6900.00	0.00	348.80	6662.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7000.00	0.00	348.80	6762.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7100.00	0.00	348.80	6862.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7200.00	0.00	348.80	6962.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7300.00	0.00	348.80	7062.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7327.20	0.00	348.80	7090.00	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7400.00	0.00	348.80	7162.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7500.00	0.00	348.80	7262.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7600.00	0.00	348.80	7362.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7700.00	0.00	348.80	7462.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7800.00	0.00	348.80	7562.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
7900.00	0.00	348.80	7662.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8000.00	0.00	348.80	7762.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8100.00	0.00	348.80	7862.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8200.00	0.00	348.80	7962.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8217.20	0.00	348.80	7980.00	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8300.00	0.00	348.80	8062.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8400.00	0.00	348.80	8162.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8500.00	0.00	348.80	8262.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8600.00	0.00	348.80	8362.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8700.00	0.00	348.80	8462.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8800.00	0.00	348.80	8562.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
8900.00	0.00	348.80	8662.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
9000.00	0.00	348.80	8762.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
9100.00	0.00	348.80	8862.80	949.75	-188.07	968.19	0.00	0.00	0.00	348.799
9137.20	0.00	348.80	8900.00	949.75	-188.07	968.19	0.00	0.00	0.00	348.799

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	348.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	348.80	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	348.80	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	348.80	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	348.80	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	348.80	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	348.80	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.80	348.80	599.99	0.92	-0.18	0.94	3.00	3.00	0.00	
700.00	4.80	348.80	699.81	6.57	-1.30	6.70	3.00	3.00	0.00	
800.00	7.80	348.80	799.20	17.33	-3.43	17.67	3.00	3.00	0.00	
900.00	10.80	348.80	897.87	33.18	-6.57	33.83	3.00	3.00	0.00	
1000.00	13.80	348.80	995.57	54.08	-10.71	55.13	3.00	3.00	0.00	
1100.00	16.80	348.80	1092.01	79.96	-15.83	81.51	3.00	3.00	0.00	
1200.00	19.80	348.80	1186.94	110.76	-21.93	112.91	3.00	3.00	0.00	
1300.00	22.80	348.80	1280.10	146.39	-28.99	149.23	3.00	3.00	0.00	
1400.00	25.80	348.80	1371.23	186.75	-36.98	190.38	3.00	3.00	0.00	
1500.00	28.80	348.80	1460.08	231.74	-45.89	236.24	3.00	3.00	0.00	
1600.00	31.80	348.80	1546.41	281.22	-55.69	286.68	3.00	3.00	0.00	
1700.00	34.80	348.80	1629.98	335.07	-66.35	341.58	3.00	3.00	0.00	
1800.00	37.80	348.80	1710.57	393.14	-77.85	400.77	3.00	3.00	0.00	

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# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: RBU #23-10E  
Well: RBU #23-10E  
Wellpath: Original Hole

Date: 8/24/2006 Time: 15:05:09 Page: 4  
Co-ordinate(N/E) Reference: Well: RBU #23-10E, Grid North  
Vertical (TVD) Reference: Est. RKB Elev. 5060.0  
Section (VS) Reference: Well (0.00N,0.00E,348.80Azi)  
Plan: Plan #1

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1829.33	38.68	348.80	1733.61	410.95	-81.38	418.93	3.00	3.00	0.00	
1900.00	38.68	348.80	1788.77	454.27	-89.96	463.09	0.00	0.00	0.00	
2000.00	38.68	348.80	1866.84	515.58	-102.10	525.59	0.00	0.00	0.00	
2037.87	38.68	348.80	1896.40	538.80	-106.69	549.26	0.00	0.00	0.00	
2100.00	36.82	348.80	1945.52	576.11	-114.08	587.29	3.00	-3.00	0.00	
2200.00	33.82	348.80	2027.11	632.81	-125.31	645.10	3.00	-3.00	0.00	
2300.00	30.82	348.80	2111.61	685.24	-135.69	698.55	3.00	-3.00	0.00	
2400.00	27.82	348.80	2198.80	733.27	-145.20	747.51	3.00	-3.00	0.00	
2500.00	24.82	348.80	2288.42	776.75	-153.81	791.83	3.00	-3.00	0.00	
2600.00	21.82	348.80	2380.25	815.57	-161.50	831.41	3.00	-3.00	0.00	
2700.00	18.82	348.80	2474.01	849.63	-168.24	866.13	3.00	-3.00	0.00	
2800.00	15.82	348.80	2569.47	878.82	-174.02	895.89	3.00	-3.00	0.00	
2900.00	12.82	348.80	2666.35	903.08	-178.83	920.61	3.00	-3.00	0.00	
3000.00	9.82	348.80	2764.40	922.32	-182.64	940.23	3.00	-3.00	0.00	
3100.00	6.82	348.80	2863.34	936.51	-185.45	954.69	3.00	-3.00	0.00	
3200.00	3.82	348.80	2962.89	945.60	-187.25	963.96	3.00	-3.00	0.00	
3300.00	0.82	348.80	3062.80	949.56	-188.03	968.00	3.00	-3.00	0.00	
3327.21	0.00	348.80	3090.01	949.75	-188.07	968.19	3.00	-3.00	0.00	
3327.22	0.00	348.80	3090.02	949.75	-188.07	968.19	0.00	0.00	0.00	Vertical Point
3400.00	0.00	348.80	3162.80	949.75	-188.07	968.19	0.00	0.00	0.00	
3500.00	0.00	348.80	3262.80	949.75	-188.07	968.19	0.00	0.00	0.00	
3562.20	0.00	348.80	3325.00	949.75	-188.07	968.19	0.00	0.00	0.00	9 5/8"
3600.00	0.00	348.80	3362.80	949.75	-188.07	968.19	0.00	0.00	0.00	
3700.00	0.00	348.80	3462.80	949.75	-188.07	968.19	0.00	0.00	0.00	
3800.00	0.00	348.80	3562.80	949.75	-188.07	968.19	0.00	0.00	0.00	
3900.00	0.00	348.80	3662.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4000.00	0.00	348.80	3762.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4100.00	0.00	348.80	3862.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4200.00	0.00	348.80	3962.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4300.00	0.00	348.80	4062.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4400.00	0.00	348.80	4162.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4500.00	0.00	348.80	4262.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4577.20	0.00	348.80	4340.00	949.75	-188.07	968.19	0.00	0.00	0.00	Wasatch Tongue
4600.00	0.00	348.80	4362.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4700.00	0.00	348.80	4462.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4800.00	0.00	348.80	4562.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4900.00	0.00	348.80	4662.80	949.75	-188.07	968.19	0.00	0.00	0.00	
4947.20	0.00	348.80	4710.00	949.75	-188.07	968.19	0.00	0.00	0.00	Uteland Limestone
5000.00	0.00	348.80	4762.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5100.00	0.00	348.80	4862.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5117.20	0.00	348.80	4880.00	949.75	-188.07	968.19	0.00	0.00	0.00	Wasatch
5200.00	0.00	348.80	4962.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5300.00	0.00	348.80	5062.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5400.00	0.00	348.80	5162.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5500.00	0.00	348.80	5262.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5600.00	0.00	348.80	5362.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5700.00	0.00	348.80	5462.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5800.00	0.00	348.80	5562.80	949.75	-188.07	968.19	0.00	0.00	0.00	
5900.00	0.00	348.80	5662.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6000.00	0.00	348.80	5762.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6037.20	0.00	348.80	5800.00	949.75	-188.07	968.19	0.00	0.00	0.00	Chapita Wells
6100.00	0.00	348.80	5862.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6200.00	0.00	348.80	5962.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6300.00	0.00	348.80	6062.80	949.75	-188.07	968.19	0.00	0.00	0.00	

CONFIDENTIAL



# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: RBU #23-10E  
Well: RBU #23-10E  
Wellpath: Original Hole

Date: 8/24/2006 Time: 15:05:09 Page: 5  
Co-ordinate(NE) Reference: Well: RBU #23-10E, Grid North  
Vertical (TVD) Reference: Est. RKB Elev. 5060.0  
Section (VS) Reference: Well (0.00N,0.00E,348.80Azi)  
Plan: Plan #1

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6400.00	0.00	348.80	6162.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6500.00	0.00	348.80	6262.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6600.00	0.00	348.80	6362.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6700.00	0.00	348.80	6462.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6800.00	0.00	348.80	6562.80	949.75	-188.07	968.19	0.00	0.00	0.00	
6900.00	0.00	348.80	6662.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7000.00	0.00	348.80	6762.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7100.00	0.00	348.80	6862.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7200.00	0.00	348.80	6962.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7300.00	0.00	348.80	7062.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7327.20	0.00	348.80	7090.00	949.75	-188.07	968.19	0.00	0.00	0.00	Uteland Buttes
7400.00	0.00	348.80	7162.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7500.00	0.00	348.80	7262.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7600.00	0.00	348.80	7362.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7700.00	0.00	348.80	7462.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7800.00	0.00	348.80	7562.80	949.75	-188.07	968.19	0.00	0.00	0.00	
7900.00	0.00	348.80	7662.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8000.00	0.00	348.80	7762.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8100.00	0.00	348.80	7862.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8200.00	0.00	348.80	7962.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8217.20	0.00	348.80	7980.00	949.75	-188.07	968.19	0.00	0.00	0.00	Mesaverde
8300.00	0.00	348.80	8062.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8400.00	0.00	348.80	8162.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8500.00	0.00	348.80	8262.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8600.00	0.00	348.80	8362.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8700.00	0.00	348.80	8462.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8800.00	0.00	348.80	8562.80	949.75	-188.07	968.19	0.00	0.00	0.00	
8900.00	0.00	348.80	8662.80	949.75	-188.07	968.19	0.00	0.00	0.00	
9000.00	0.00	348.80	8762.80	949.75	-188.07	968.19	0.00	0.00	0.00	
9100.00	0.00	348.80	8862.80	949.75	-188.07	968.19	0.00	0.00	0.00	
9137.20	0.00	348.80	8900.00	949.75	-188.07	968.19	0.00	0.00	0.00	PBHL

### Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
Vertical Point		3090.00	949.75	-188.07	7159921.532126842.12		39 57 46.221 N	109 45 52.028 W
-Plan hit target								
PBHL		8900.00	949.75	-188.07	7159921.532126842.12		39 57 46.221 N	109 45 52.028 W
-Plan hit target								

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3562.20	3325.00	9.625	12.250	9 5/8"

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4577.20	4340.00	Wasatch Tongue		0.00	0.00
4947.20	4710.00	Uteland Limeston		0.00	0.00
5117.20	4880.00	Wasatch		0.00	0.00
6037.20	5800.00	Chapita Wells		0.00	0.00
7327.20	7090.00	Uteland Buttes		0.00	0.00
8217.20	7980.00	Mesaverde		0.00	0.00

CONFIDENTIAL



# Ryan Energy Technologies Planning Report



**Company:** Dominion Exploration & Product  
**Field:** Uintah County, Utah  
**Site:** RBU #23-10E  
**Well:** RBU #23-10E  
**Wellpath:** Original Hole

**Date:** 8/24/2006 **Time:** 15:05:09 **Page:** 6  
**Co-ordinate(NE) Reference:** Well: RBU #23-10E, Grid North  
**Vertical (TVD) Reference:** Est. RKB Elev. 5060.0  
**Section (VS) Reference:** Well (0.00N,0.00E,348.80Azi)  
**Plan:** Plan #1

## Annotation

MD	TVD
ft	ft

**CONFIDENTIAL**

## **SURFACE USE PLAN**

### **CONDITIONS OF APPROVAL**

#### *Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 23-10E  
SHL: 2007' FSL & 1168' FEL Section 10-10S-19E  
BHL: 2350' FNL & 1350' FEL Section 10-10S-19E  
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Wednesday, August 9, 2006 at approximately 10:30 am. In attendance at the onsite inspection were the following individuals:

Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Brandon McDonald	Wildlife Biologist	Bureau of Land Management – Vernal
Ken Secrest	Field Foreman	Dominion E & P, Inc.
Brandon Bowthorpe	Surveyor	Uintah Engineering & Land Surveying
Billy McClure	Foreman	LaRose Construction
Randy Jackson	Foreman	Jackson Construction
Don Hamilton	Agent	Buys & Associates, Inc.

1. **Existing Roads:**

- a. No upgrades to existing roads and no new roads are proposed at this time since access will utilize the existing road to the existing well site.
- b. The proposed well site is located approximately 9.97 miles south of Ouray, UT.
- c. Directions to the proposed well site have been attached at the end of Exhibit B.
- d. The use of roads under State and County Road Department maintenance are necessary to access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- e. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to any State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located within the existing River Bend Unit boundary and both utilize entirely existing disturbance.

2. Planned Access Roads:

- a. The proposed well utilizes the existing wellsite RBU 9-10E with no new access proposed.
- b. **An 200' access road re-route will be established around the existing well site to provide uninterrupted access to nearby wells during the drilling and completion phase of the proposed well.**
- c. The operator will be responsible for all maintenance of the existing access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- f. No new pipeline corridors are proposed at this time since gas transportation will utilize the existing pipeline network to the existing well site.
- g. **The existing pipeline will be upgrade to 10" or less, as needed, from the proposed well to the existing Tap 1 Facility to provide additional production transportation capacity from the proposed 20 acre in-field wells.**

- h. The upgraded gas pipeline will be a 10" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction.
- i. Dominion intends on installing the upgraded pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the northwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.



- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the west.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.

- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
  - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
    - 1. Crested Wheat Grass (4 lbs / acre)
    - 2. Needle and Thread Grass (4 lbs / acre)
    - 3. Rice Grass (4 lbs / acre)
  - c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional State or Federal approval are being crossed.
  - c. **An access road reroute and a pipeline upgrade are proposed with this application.**
  - d. **Corner 2 will be rounded and the road will be ditched on the west side to prevent surface waters from entering the pad.**

13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

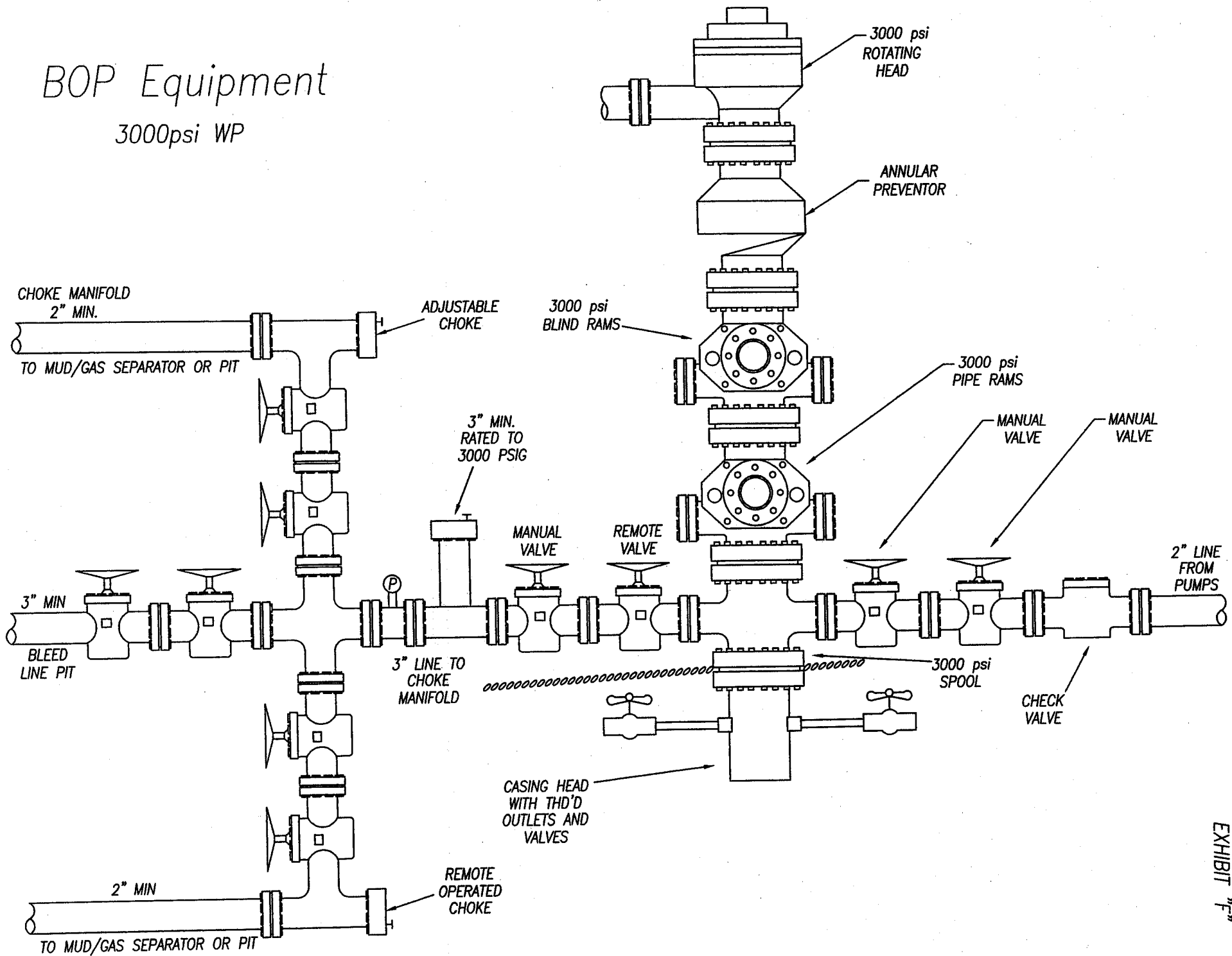
Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 8-31-06

# BOP Equipment

3000psi WP



LOCATION LAYOUT FOR

SECTION 10, T10S, R19E, S.L.B.&M.

NE 1/4 SE 1/4

Approx.  
Toe of  
Fill Slope

C-0.9'  
El. 42.1'

Revised: 08-03-06 C.G.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

### *Pit Topsoil*

N1172'03"W 988.19'  
(to Bottom Hole)

~~FLARE PH~~

C-5.4  
El. 46.6'

20' WIDE BENCH

El. 57.4'  
C-24.2  
(btm. pit)

**Total Pit Capacity  
W/2' of Freeboard  
= 13,470 Bbls. ±  
Total Pit Volume  
= 3,900 Cu. Yds.**

### Reserve Pit Backfill & Spoils Stockpile

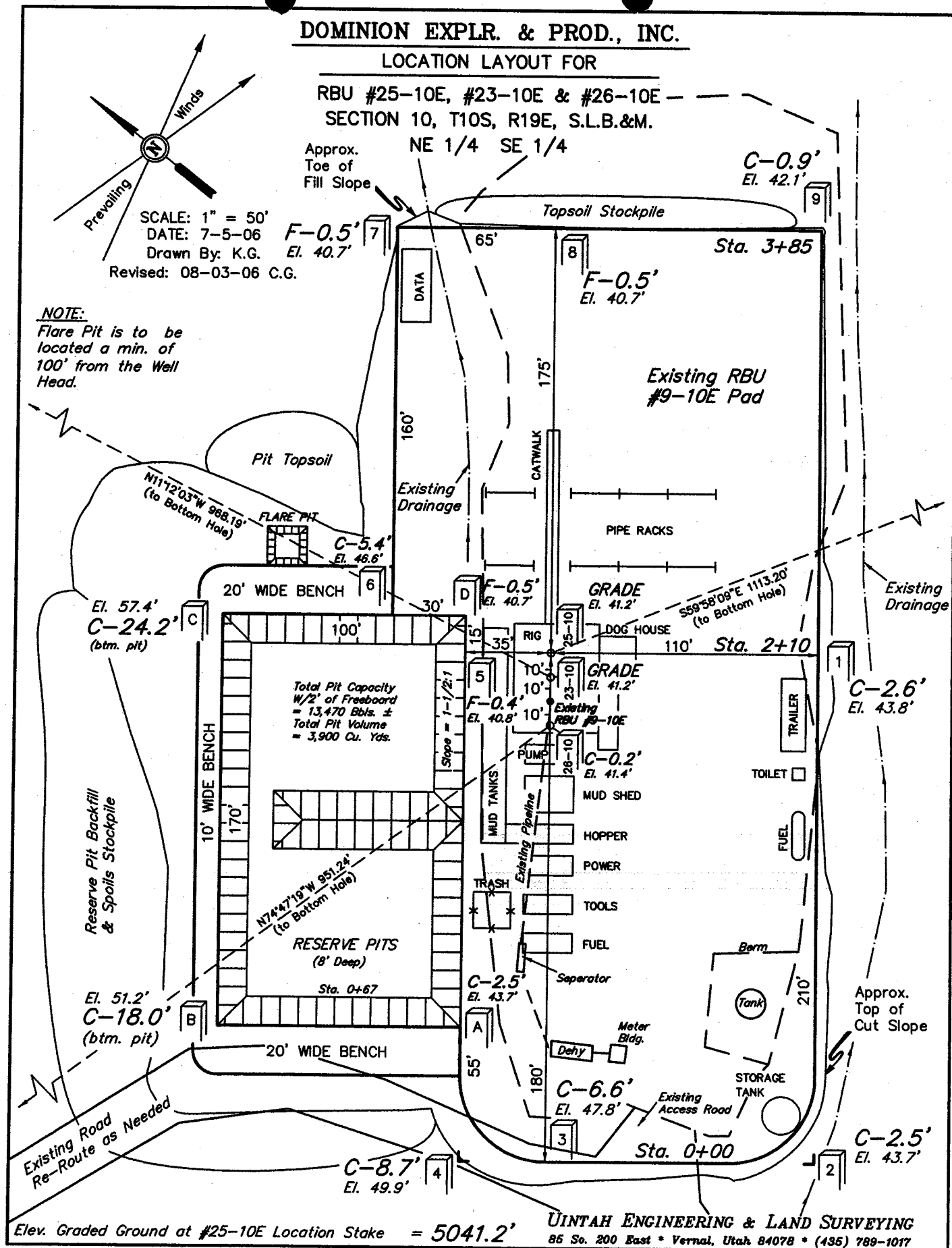
El. 51.2'  
C-18.0'  
(btm. pit)

Existing Road  
Re-Route as Needed

C-8.7'  
El. 49.9'

Elev. Graded Ground at #25-10E Location Stake = 5041.2'

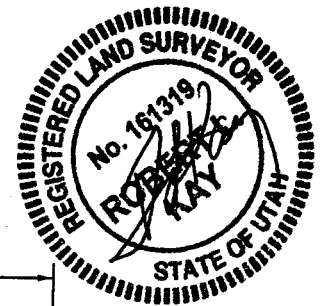
**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



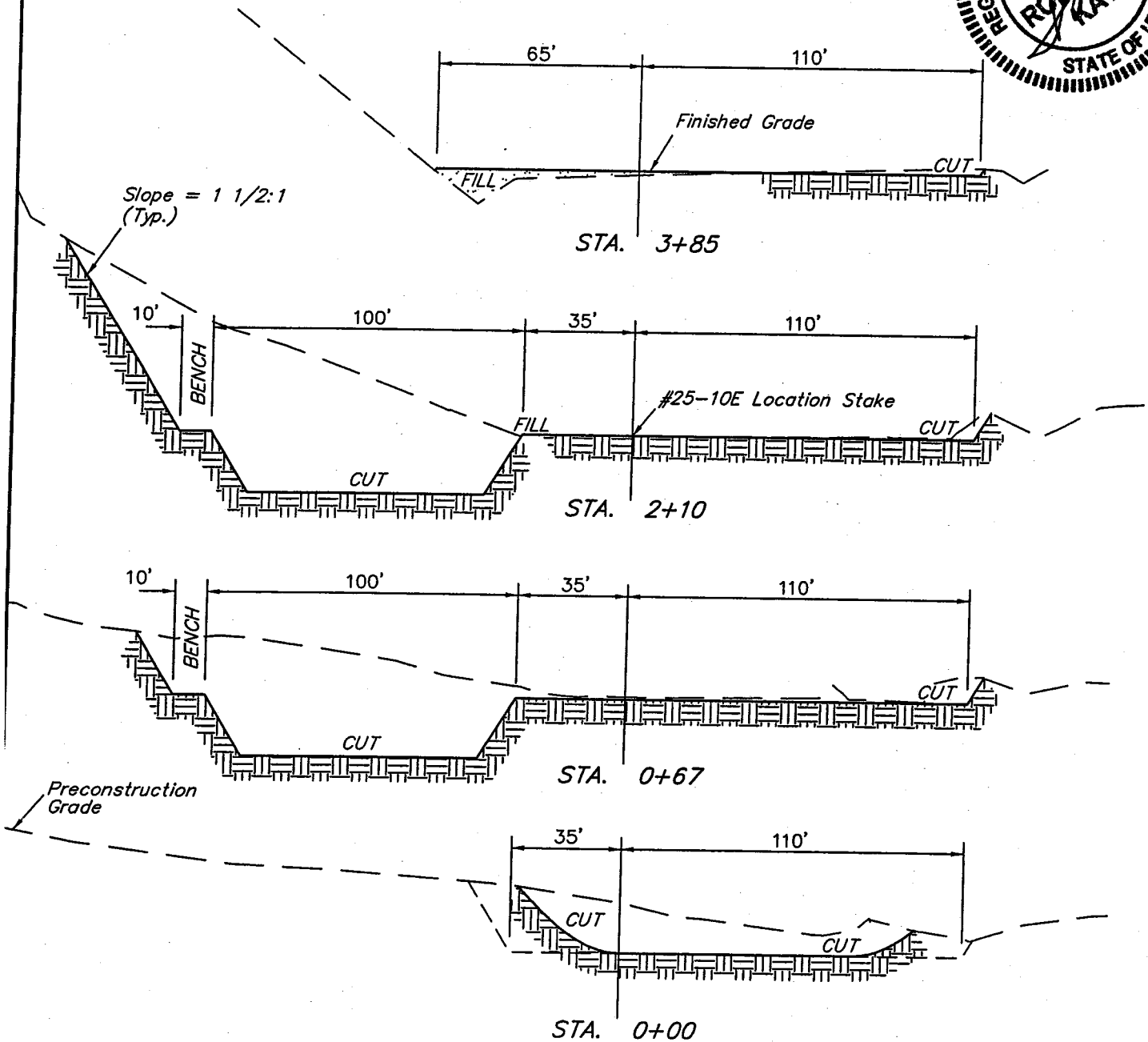
# DOMINION EXPLR. & PROD. INC.

## TYPICAL CROSS SECTIONS FOR

RBU #25-10E, #23-10E & #26-10E  
SECTION 10, T10S, R19E, S.L.B.&M.  
NE 1/4 SE 1/4



1" = 20'  
X-Section Scale  
1" = 50'  
DATE: 7-5-06  
Drawn By: K.G.



### APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 650 Cu. Yds.  
(New Construction Only)  
Remaining Location = 12,790 Cu. Yds.  
  
TOTAL CUT = 13,440 CU.YDS.  
FILL = 610 CU.YDS.

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

EXCESS MATERIAL = 12,830 Cu. Yds.  
Topsoil & Pit Backfill = 2,600 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 10,230 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# DOMINION EXPLR. & PROD., INC.

RBU #23-10E, #25-10E & #26-10E

LOCATED IN UINTAH COUNTY, UTAH

SECTION 10, T10S, R19E, S.L.B.&M.

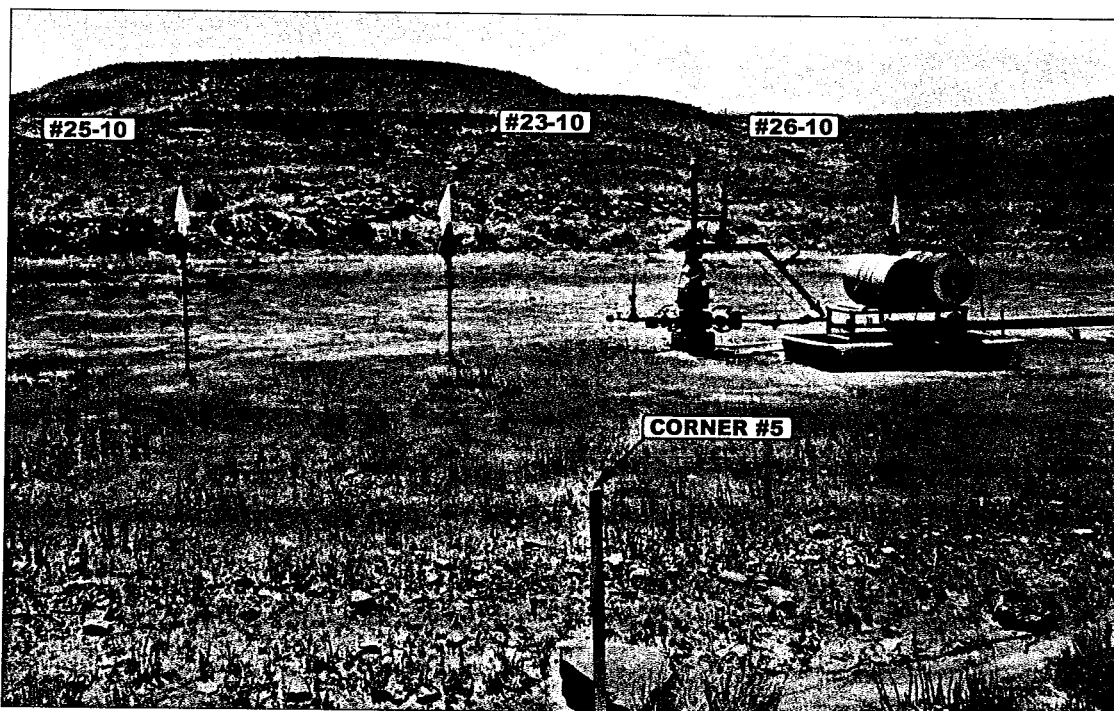


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHERLY

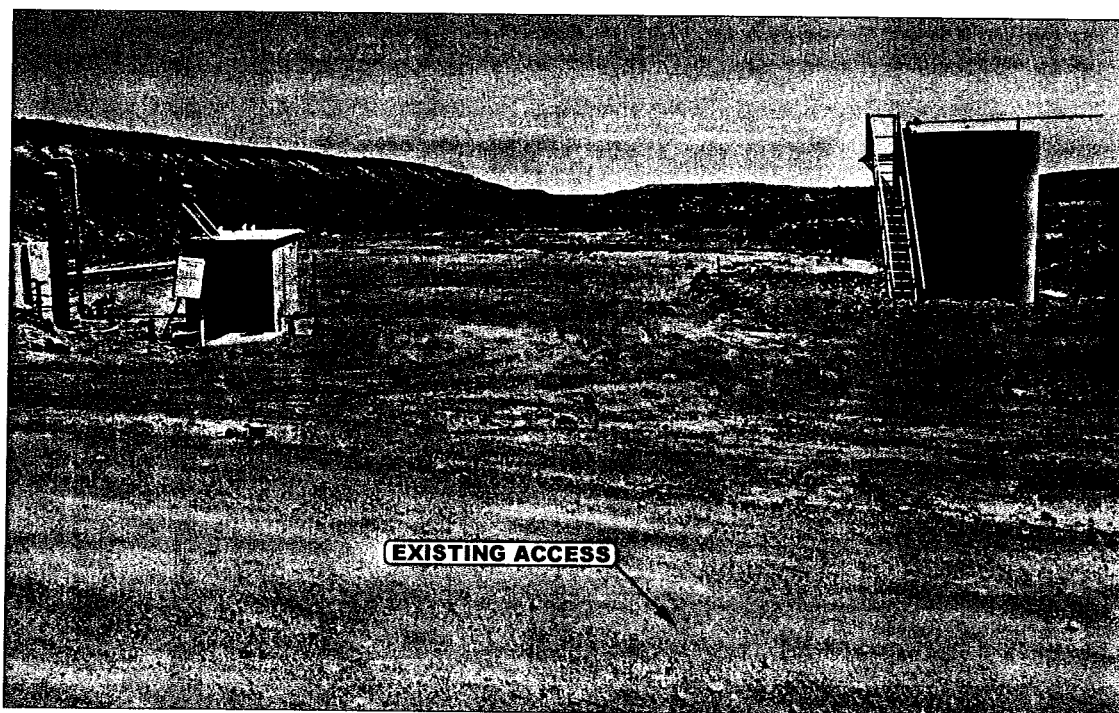


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

U  
E  
L  
S

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

07  
MONTH

10  
DAY

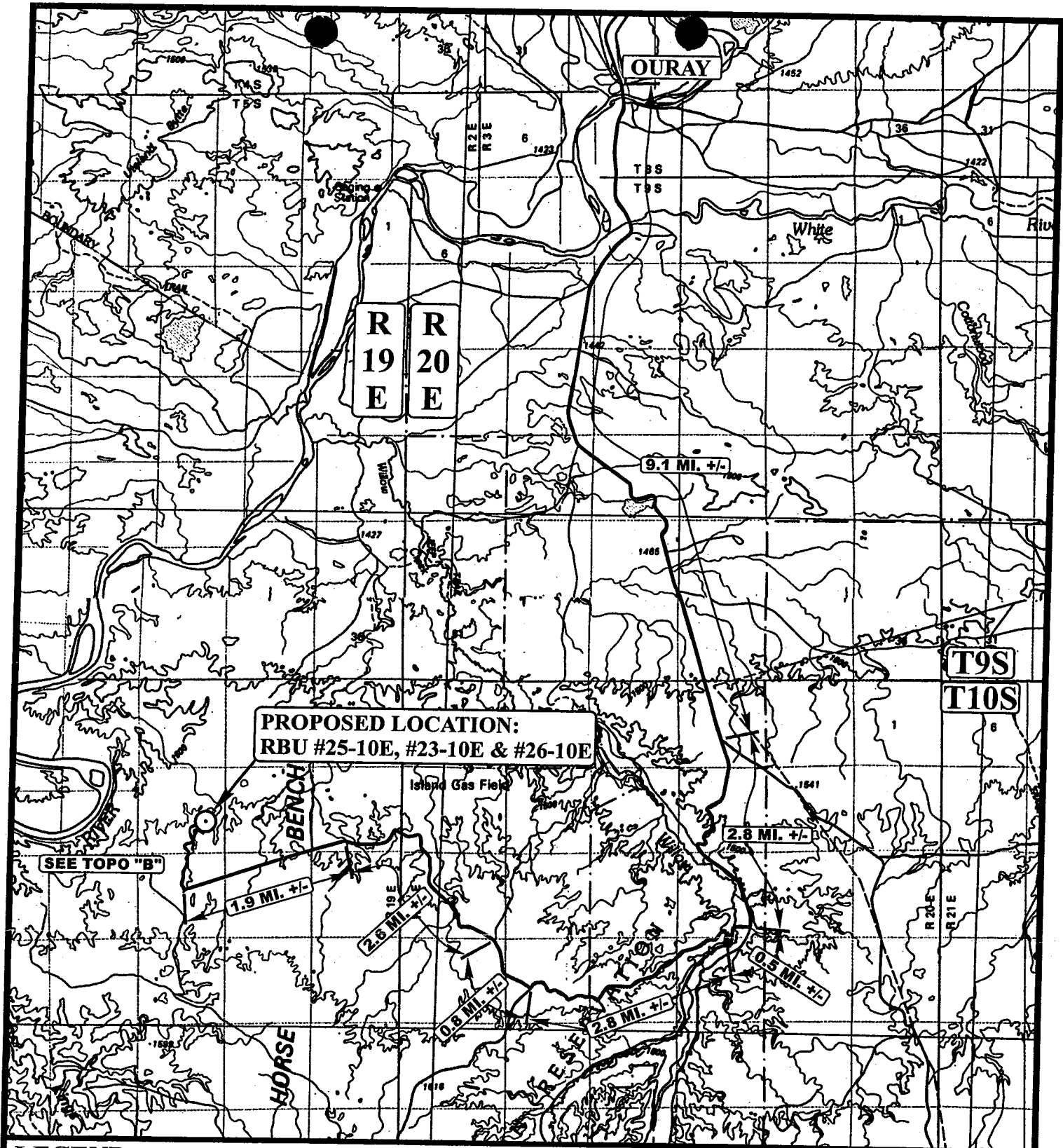
06  
YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: B.C.

REVISED: 00-00-00



# **LEGEND:**

○ PROPOSED LOCATION

**DOMINION EXPLR. & PROD., INC.**

RBU #25-10E, #23-10E & #26-10E  
SECTION 10, T10S, R19E, S.L.B.&M.  
NE 1/4 SE 1/4



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



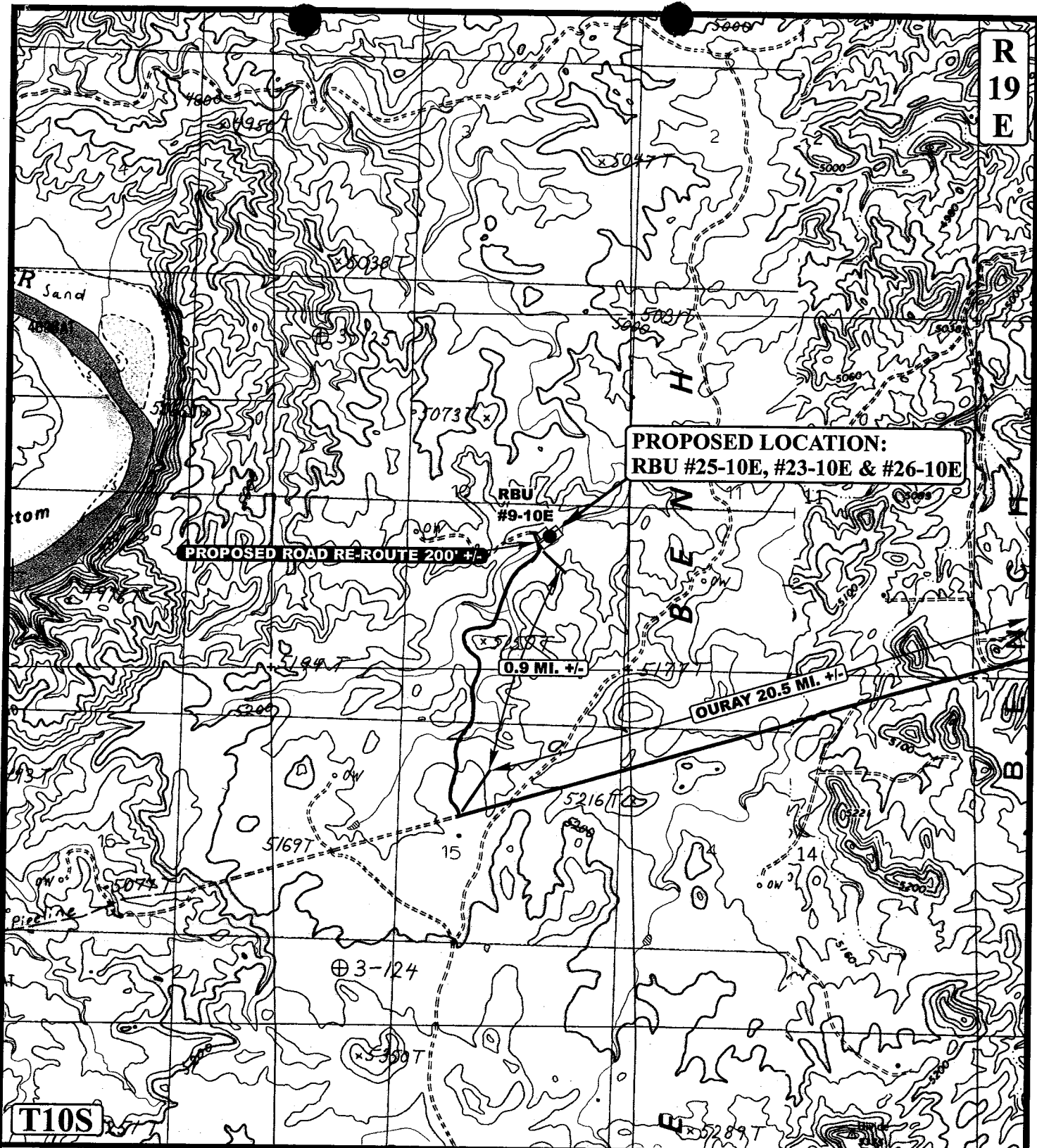
**TOPOGRAPHIC  
MAP**

07 10 06  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: B.C. REVISED: 00-00-00

**A  
TOPO**





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED ROAD RE-ROUTE

UEIS

**Uintah Engineering & Land Surveying**

85 South 200 East Vernal, Utah 84078

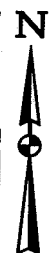
(435) 789-1017 \* FAX (435) 789-1813

**DOMINION EXPLR. & PROD., INC.**

RBU #25-10E, #23-10E & #26-10E

SECTION 10, T10S, R19E, S.L.B.&M.

NE 1/4 SE 1/4



**TOPOGRAPHIC**

**MAP**

SCALE: 1" = 2000'

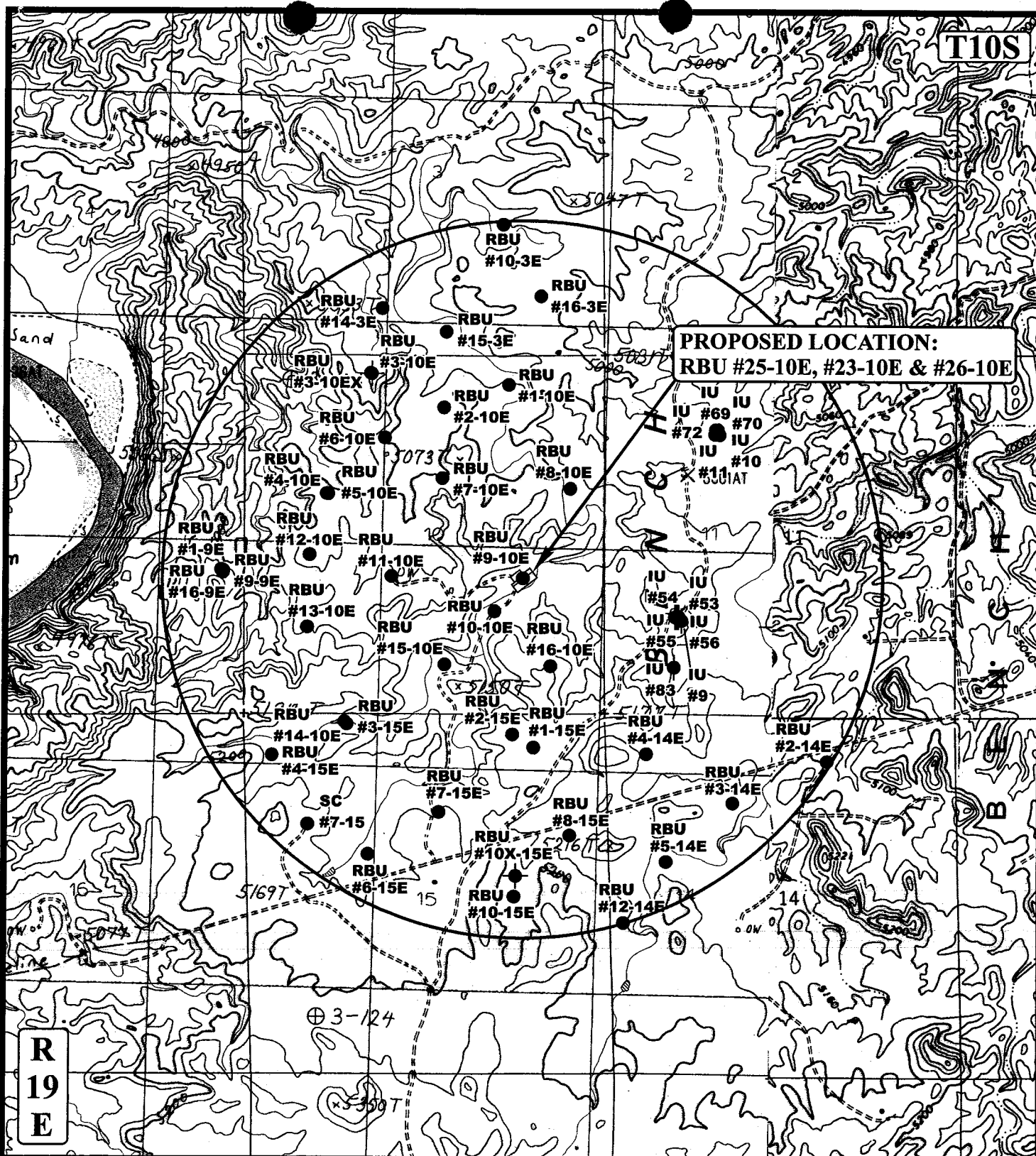
**07 10 06**

MONTH DAY YEAR

**B**

TOPO

DRAWN BY: B.C. REVISED: 00-00-00



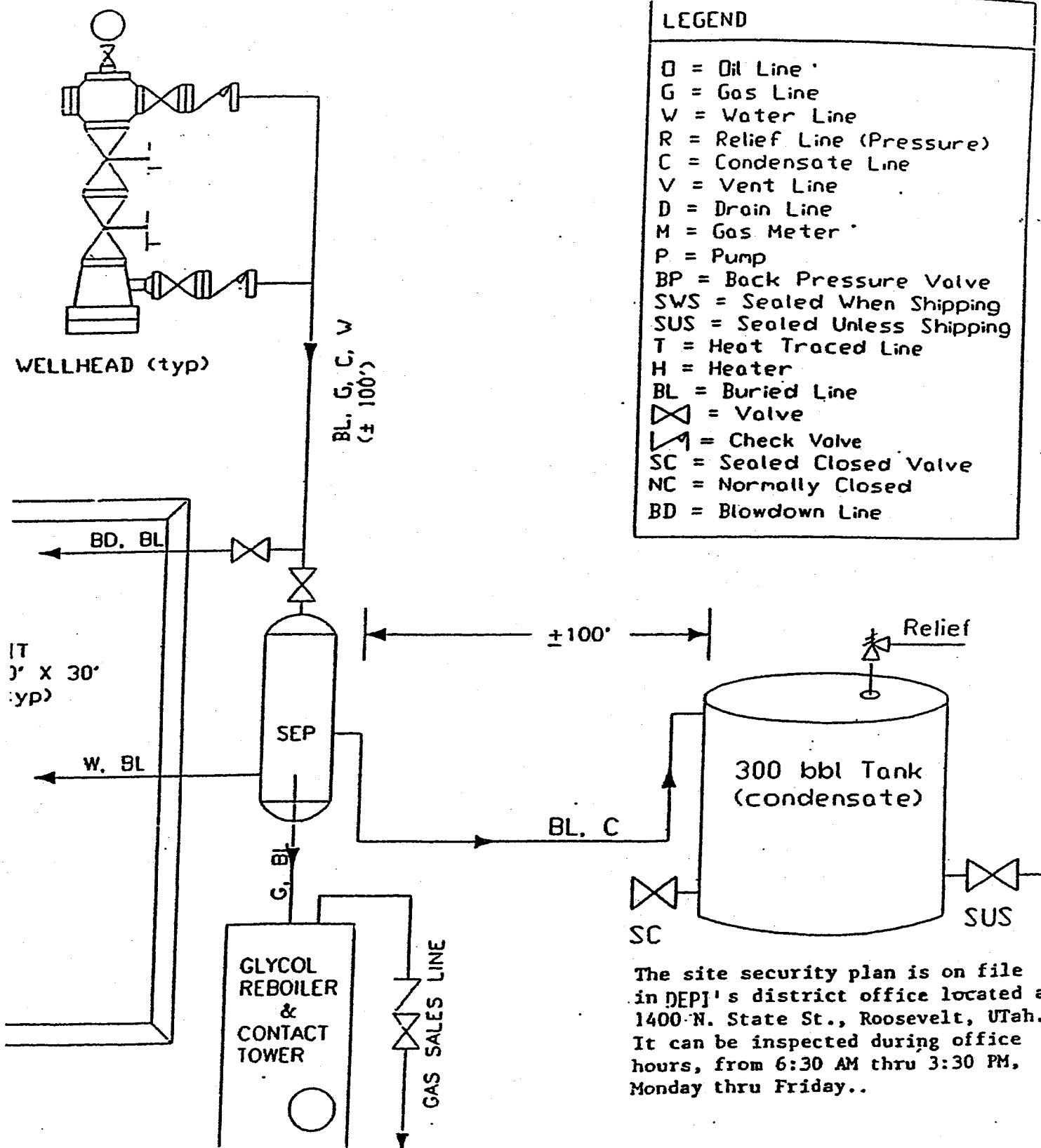
# DOMINION EXPLR. & PROD., INC.

RBU #23-10E, #25-10E & #26-10E

SECTION 10, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE EXISTING #9-10E AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.4 MILES.



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/05/2006

API NO. ASSIGNED: 43-047-38587

WELL NAME: RBU 23-10E

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 405-749-5263

PROPOSED LOCATION:

NESE 10 100S 190E

SURFACE: 2007 FSL 1168 FEL

BOTTOM: 2350 FNL 1350 FEL

COUNTY: UINTAH

LATITUDE: 39.96022 LONGITUDE: -109.7630

UTM SURF EASTINGS: 605659 NORTHINGS: 4423865

FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-013792

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WY 3322 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-10447 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

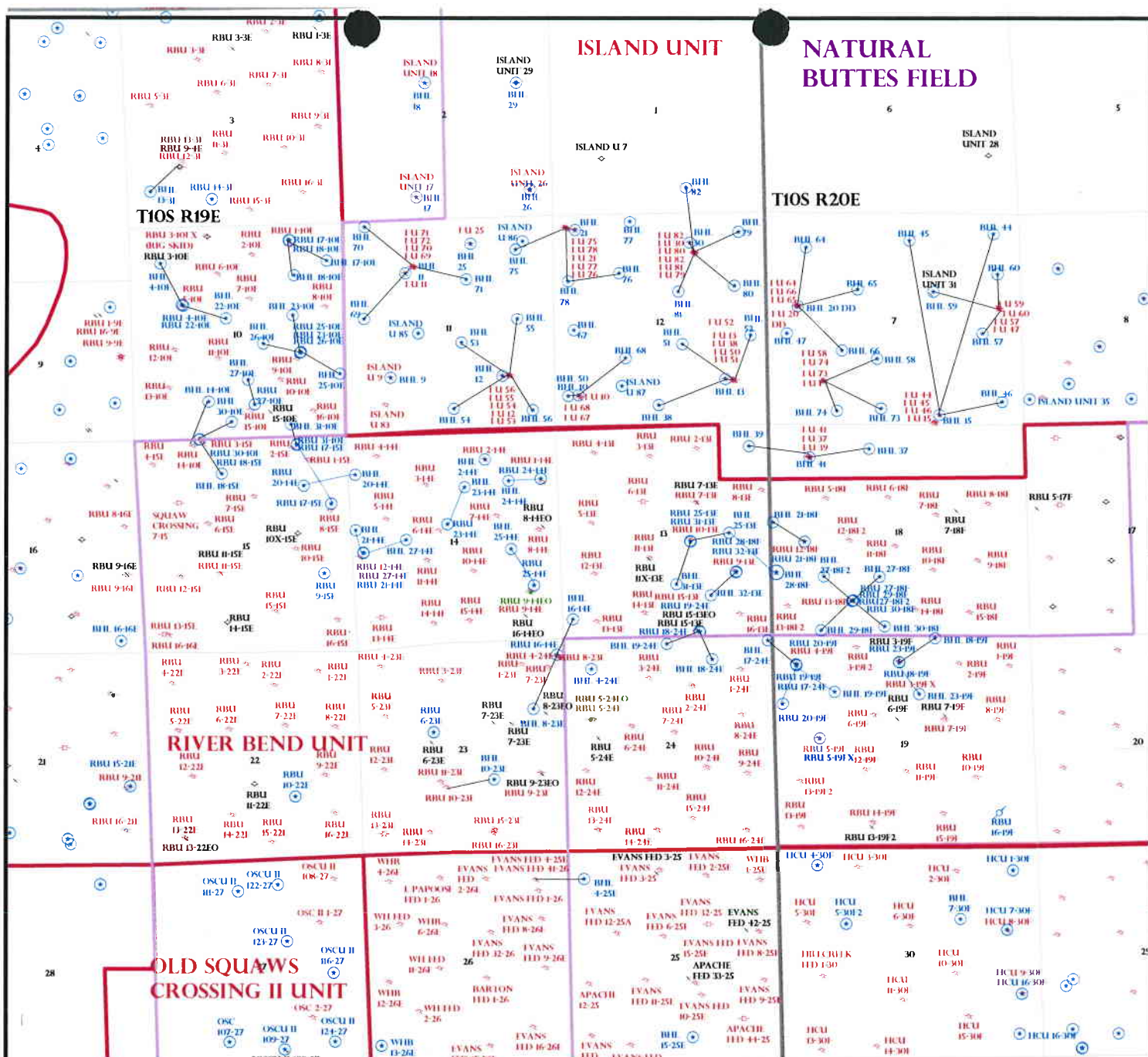
☐ R649-2-3.  
Unit: RIVER BEND  
☐ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☐ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 259-01  
Eff Date: 8-18-06  
Siting: Subsends R649-3-11  
☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval





OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 10,13,14,15 T.10S R. 19E

FIELD: NATURAL BUTTES (630)

COUNTY: UTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

**Field Status**

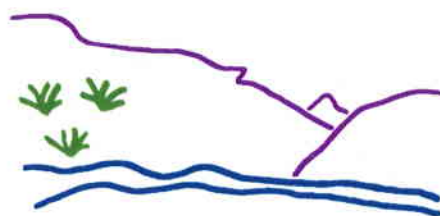
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 31-AUGUST-2006

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

September 19, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development River Bend Unit Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the River Bend Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-38582	RBU 17-10E Sec 10 T10S R19E 0477 FNL 1390 FEL BHL Sec 10 T10S R19E 1000 FNL 0465 FEL	
43-047-38584	RBU 27-10E Sec 10 T10S R19E 0723 FSL 2350 FEL BHL Sec 10 T10S R19E 1350 FSL 2500 FEL	
43-047-38585	RBU 26-10E Sec 10 T10S R19E 1995 FSL 1184 FEL BHL Sec 10 T10S R19E 2250 FSL 2100 FEL	
43-047-38586	RBU 25-10E Sec 10 T10S R19E 2013 FSL 1160 FEL BHL Sec 10 T10S R19E 1450 FSL 0200 FEL	
43-047-38587	RBU 23-10E Sec 10 T10S R19E 2007 FSL 1168 FEL BHL Sec 10 T10S R19E 2350 FNL 1350 FEL	
43-047-38588	RBU 22-10E Sec 10 T10S R19E 2064 FNL 1241 FWL BHL Sec 10 T10S R19E 2400 FNL 2300 FWL	
43-047-38543	RBU 28-18F Sec 13 T10S R19E 1640 FSL 0901 FEL BHL Sec 18 T20S R20E 1600 FSL 0100 FWL	
43-047-38544	RBU 18-24E Sec 13 T10S R19E 0143 FSL 1844 FEL	

BHL Sec 24 T10S R19E 0550 FNL 1550 FEL

Page 2

43-047-38545 RBU 19-24E Sec 13 T10S R19E 0159 FSL 1855 FEL  
BHL Sec 24 T10S R19E 0150 FNL 2550 FWL

43-047-38546 RBU 25-13E Sec 13 T10S R19E 2418 FSL 2023 FEL  
BHL Sec 13 T10S R19E 2700 FNL 1050 FEL

43-047-38547 RBU 31-13E Sec 13 T10S R19E 2433 FSL 2036 FEL  
BHL Sec 13 T10S R19E 1350 FSL 2400 FEL

43-047-38589 RBU 21-14E Sec 14 T10S R19E 2240 FSL 0210 FWL  
BHL Sec 14 T10S R19E 2500 FNL 0050 FWL

43-047-38590 RBU 27-14E Sec 14 T10S R19E 2230 FSL 0209 FWL  
BHL Sec 14 T10S R19E 2550 FSL 1300 FWL

43-047-38592 RBU 24-14E Sec 14 T10S R19E 1257 FNL 0432 FEL  
BHL Sec 14 T10S R19E 1300 FNL 1250 FEL

43-047-38593 RBU 23-14E Sec 14 T10S R19E 2375 FNL 2360 FWL  
BHL Sec 14 T10S R19E 1450 FNL 2350 FEL

43-047-38595 RBU 31-10E Sec 15 T10S R19E 0305 FNL 1324 FEL  
BHL Sec 10 T10S R19E 0200 FSL 1450 FEL

43-047-38596 RBU 17-15E Sec 15 T10S R19E 0320 FNL 1324 FEL  
BHL Sec 15 T10S R19E 1350 FNL 1200 FEL

43-047-38597 RBU 18-15E Sec 15 T10S R19E 0125 FNL 1570 FWL  
BHL Sec 15 T10S R19E 1000 FNL 2100 FWL

43-047-38598 RBU 20-14E Sec 15 T10S R19E 1821 FNL 0532 FEL  
BHL Sec 14 T10S R19E 1100 FNL 0100 FWL

43-047-38554 RBU 21-18F Sec 18 T10S R20E 2379 FSL 0834 FWL  
BHL Sec 18 T10S R20E 2450 FNL 0050 FWL

43-047-38555 RBU 27-18F Sec 18 T10S R20E 0902 FSL 2032 FWL  
BHL Sec 18 T10S R20E 1500 FSL 2700 FWL

43-047-38556 RBU 27-18F2 Sec 18 T10S R20E 0888 FSL 2005 FWL  
BHL Sec 18 T10S R20E 1500 FSL 1300 FWL

43-047-38557 RBU 30-18F Sec 18 T10S R20E 0897 FSL 2023 FWL  
BHL Sec 18 T10S R20E 0250 FSL 2800 FWL

43-047-38558 RBU 29-18F Sec 18 T10S R20E 0884 FSL 1996 FWL  
BHL Sec 18 T10S R20E 0150 FSL 1200 FWL

43-047-28549 RBU 17-24E Sec 19 T10S R20E 0703 FNL 0546 FWL  
BHL Sec 24 T10S R19E 0100 FNL 0150 FEL

43-047-38550 RBU 18-19F Sec 19 T10S R20E 0650 FNL 3147 FWL  
BHL Sec 19 T10S R20E 0050 FNL 2400 FEL



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43-047-38551 RBU 19-19F Sec 19 T10S R20E 0730 FNL 0558 FWL  
BHL Sec 19 T10S R20E 1400 FNL 1500 FWL

43-047-38552 RBU 20-19F Sec 19 T10S R20E 0721 FNL 0554 FWL  
BHL Sec 19 T10S R20E 1700 FNL 0200 FWL

43-047-38553 RBU 23-19F Sec 19 T10S R20E 0654 FNL 3156 FWL  
BHL Sec 19 T10S R20E 1450 FNL 2850 FEL

43-047-38548 RBU 32-13E Sec 13 T10S R19E 1624 FSL 0913 FEL  
BHL Sec 13 T10S R19E 1050 FSL 1550 FEL

43-047-38583 RBU 18-10E Sec 10 T10S R19E 0471 FNL 1409 FEL  
BHL Sec 10 T10S R19E 1350 FNL 1300 FEL

43-047-38591 RBU 25-14E Sec 14 T10S R19E 1380 FSL 0721 FEL  
BHL Sec 14 T10S R19E 2300 FSL 1250 FEL

43-047-38594 RBU 30-10E Sec 15 T10S R19E 0123 FNL 1590 FWL  
BHL Sec 10 T10S R19E 0300 FSL 2400 FWL

Our records indicate the RBU 25-10E is closer than 460 feet from the River Bend Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – River Bend Unit  
Division of Oil Gas and Mining



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 25, 2006

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

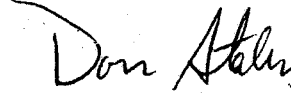
Re: RBU 23-10E Well, Surface Location 2007' FSL, 1168' FEL, NE SE, Sec. 10,  
T. 10 South, R. 19 East, Bottom Location 2350' FNL, 1350' FEL, SW NE,  
Sec. 10, T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38587.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Dominion Exploration & Production, Inc.  
Well Name & Number RBU 23-10E  
API Number: 43-047-38587  
Lease: U-013792

Surface Location: NE SE Sec. 10 T. 10 South R. 19 East  
Bottom Location: SW NE Sec. 10 T. 10 South R. 19 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

#### 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-1300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2,007' FSL & 1,168' FEL, NE SE, Section 10-10S-19E

2,350' FNL & 1,350' FEL, SW NE, Section 10-10S-19E

5. Lease Serial No.

U-013792

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 23-10E

9. API Well No.

43-047-38587

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			Drilling Plan

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Please find attached a new drilling plan. Previous plan submitted with APD showed formation tops at TVD, the corrected plan shows measured depth.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

RECEIVED

NOV 01 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Keri Pfeifer

Title

Associate Regulatory Specialist

Signature

Keri Pfeifer

Date

10/31/06

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 23-10E  
SHL: 2007' FSL & 1168' FEL Section 10-10S-19E  
BHL: 2350' FNL & 1350' FEL Section 10-10S-19E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,577'
Uteland Limestone	4,947'
Wasatch	5,117'
Chapita Wells	6,037'
Uteland Buttes	7,327'
Mesaverde	8,217'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,577'	Oil
Uteland Limestone	4,947'	Oil
Wasatch	5,117'	Gas
Chapita Wells	6,037'	Gas
Uteland Buttes	7,327'	Gas
Mesaverde	8,217'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,612'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	9,137'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

## DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set.. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 3,612'	8.6	Fresh water, rotating head and diverter
3,612' – 9,137'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,612'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	428	0'-3,112'	10.5 ppg	4.14 CFS	1,012 CF	1,772 CF
Tail	254	3,112'-3,612'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 4.14 cf/sack      Slurry weight: 10.5 #/gal.  
Water requirement: 26.07 gal/sack  
Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.  
Slurry yield: 1.20 cf/sack      Slurry weight: 15.6 #/gal.  
Pump Time: 1 hr. 5 min. @ 110 °F.  
Compressives @ 110 °F: 2,500 psi after 24 hours

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 9,137'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	90	4,317'-5,117'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	800	5,117'-9,137'	13.0 ppg	1.75 CFS	696 CF	1393 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: March 1, 2007  
Duration: 14 Days

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 05 2006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-013792
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. River Bend Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. RBU 23-10E
3b. Phone No. (include area code) 405-749-5263		9. API Well No. 43-047-38587
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 2,007' FSL & 1,168' FEL, NE/4 SE/4, At proposed prod. zone 2,350' FNL & 1,350' FEL, SW/4 NE/4,		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 9.97 miles southwest of Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 10, T10S, R19E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1,168'	16. No. of acres in lease 1,882.20 acres	17. Spacing Unit dedicated to this well 20 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 10'	19. Proposed Depth 8,900' TVD (9,137' MD)	20. BLM/BIA Bond No. on file WY 3322
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,041' GR	22. Approximate date work will start* 03/01/2007	23. Estimated duration 14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <u>Don Hamilton</u>	Name (Printed/Typed) Don Hamilton	Date 08/31/2006
-----------------------------------	--------------------------------------	--------------------

Title  
Agent for Dominion

Approved by (Signature) <u>Jerry Kenczka</u>	Name (Printed/Typed) JERRY KENCZKA	Date 2/23/2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

FEB 28 2007

CONFIDENTIAL

DIV. OF OIL, GAS & MINING

ORIGINAL





**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East    VERNAL, UT 84078    (435) 781-4400**



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	<b>Dominion Exploration &amp; Production</b>	<b>Location:</b>	<b>NESE, Sec 10, T10S, R19E</b>
<b>Well No:</b>	<b>RBU 23-10E</b>	<b>Lease No:</b>	<b>UTU-013792</b>
<b>API No:</b>	<b>43-047-38587</b>	<b>Agreement:</b>	<b>River Bend Unit</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
<b>After Hours Contact Number: 435-781-4513</b>		<b>Fax: 435-781-4410</b>	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify PE)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs
- **RBU 23-10E:** Berm and ditch the SE side of the pad. Round corner 2 and rip rap this corner. Reinforce the hump in the road near corner 2 to keep water in the channel.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.

The interim seed mix for reclamation will be:

Hy-crest Crested Wheat grass	<i>Agropyron cristatum</i>	4 lbs per acre
Western Wheat grass	<i>Agropyron smithii</i>	4 lbs per acre
Needle and Thread grass	<i>Stipa comata</i>	4 lbs per acre

- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil re-spread over the surface; and, the surface re-vegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

**General Surface COA**

**Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.**

## **DOWNHOLE CONDITIONS OF APPROVAL**

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- A Cement Bond Log (CBL) shall be run from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.
- The top of the production casing cement shall extend a minimum of 200 feet above the intermediate casing shoe.

#### Variance granted:

Eighty foot long blooie line approved.

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- **Cement baskets shall not be run on surface casing.**
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in

accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other

than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

RECEIVED

SEP 10 2007

FORM 9

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

XTO Energy

3. ADDRESS OF OPERATOR:

P.O. Box 1360

CITY Roosevelt

STATE UT

ZIP 84066

PHONE NUMBER:

(435) 722-4521

5. LEASE DESIGNATION AND SERIAL NUMBER:

U-013792

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

River Bend Unit

8. WELL NAME and NUMBER:

RBU 23-10E

9. API NUMBER:

4304738587

10. FIELD AND POOL, OR WILDCAT:

Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2,007' FSL & 1,168' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)  
Approximate date work will start:  
\_\_\_\_\_

☒ SUBSEQUENT REPORT  
(Submit Original Form Only)  
Date of work completion:  
\_\_\_\_\_

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Permit Extension

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy. hereby requests a one year extension of the state permit for the referenced well.

This is the first extension that has been requested.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-02-07

By: 

NAME (PLEASE PRINT) Marnie Griffin

TITLE Agent for XTO Energy

SIGNATURE 

DATE 9/7/2007

(This space for State use only)

RECEIVED

SEP 10 2007

D.V. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304738587  
**Well Name:** RBU 23-10E  
**Location:** 10-10S-19E 2,007' FSL & 1,168' FEL  
**Company Permit Issued to:** XTO Energy  
**Date Original Permit Issued:** 9/25/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

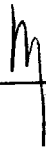
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Signature



9/7/2007

Date

Title: Agent

Representing: XTO Energy



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

ROUTING	
1. DJJ	
2. CDW	

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/1/2007

<b>FROM: (Old Operator):</b> N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO: ( New Operator):</b> N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
--	--

CA No.				Unit:		RIVER BEND		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
  - Indian well(s) covered by Bond Number: n/a
  - a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
  - b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

XTO Energy Inc.

N 2615

3. ADDRESS OF OPERATOR: 810 Houston Street

CITY Fort Worth

STATE TX ZIP 76102

PHONE NUMBER:

(817) 870-2800

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SEE ATTACHED

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

SEE ATTACHED

9. API NUMBER:

SEE ATTACHED

10. FIELD AND POOL, OR WILDCAT:

Natural Buttes

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: \_\_\_\_\_

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

N 1095

*James D. Abercrombie*

James D. Abercrombie

Sr. Vice President, General Manager - Western Business Unit

(405) 749-1300

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) Edwin S. Ryan, Jr.

TITLE Sr. Vice President - Land Administration

SIGNATURE

*Edwin S. Ryan, Jr.*

DATE 7/31/2007

(This space for State use only)

APPROVED

9127107

*Earlene Russell*

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

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AUG 06 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	SEE ATTACHED LIST
API number:	
Location:	Qtr-Qtr:      Section:      Township:      Range
Company that filed original application:	DOMINION E&P
Date original permit was issued:	
Company that permit was issued to:	DOMINION E&P

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.		Yes	No
If located on private land, has the ownership changed?			<input checked="" type="checkbox"/>
<input type="checkbox"/>	If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?			<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?			<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?			<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?			<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?			<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>104312762</u>		<input checked="" type="checkbox"/>	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) HOLLY C. PERKINS Title REGULATORY COMPLIANCE TECH  
Signature *Holly C. Perkins* Date 08/27/2007  
Representing (company name) XTO ENERGY INC.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

AUG 30 2007

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304736202	RBU 2-20E	NWNE	20	100S	190E	U-03505		Federal	GW	APD
4304736203	RBU 15-20E	SWSE	20	100S	190E	U-03505		Federal	GW	APD
4304736204	RBU 10-20E	NWSE	20	100S	190E	U-03505		Federal	GW	APD
4304736205	RBU 14-21E	SESW	21	100S	190E	U-013766		Federal	GW	APD
4304736295	RBU 10-21E	NWSE	21	100S	190E	U-013766		Federal	GW	APD
4304736426	RBU 7-9E	NWSE	09	100S	190E	U-03505		Federal	GW	APD
4304736430	RBU 16-20E	SESE	20	100S	190E	U-03505		Federal	GW	APD
4304736431	RBU 13-21E	SESE	20	100S	190E	U-013766		Federal	GW	APD
4304736606	RBU 14-11F	SESW	11	100S	200E	U-7206		Federal	GW	APD
4304737032	RBU 1-4E	NENE	04	100S	190E	U-013792		Federal	GW	APD
4304737423	RBU 2-21F	SWSE	16	100S	200E	U-013793-A		Federal	OW	APD
4304737569	RBU 14-15F	SESW	15	100S	200E	U-7206		Federal	OW	APD
4304737648	RBU 6-4E	SWNE	04	100S	190E	U-013792		Federal	GW	APD
4304737649	RBU 12-17E	NWSW	17	100S	190E	U-03505		Federal	GW	APD
4304737650	RBU 13-17E	SWSW	17	100S	190E	U-03505		Federal	GW	APD
4304737651	RBU 6-23E	SENE	23	100S	190E	U-013766		Federal	GW	APD
4304737652	RBU 7-16F	SWNE	16	100S	200E	U-7206		Federal	GW	APD
4304737748	RBU 14-16F	SWSE	16	100S	200E	U-7206		Federal	GW	APD
4304738341	RBU 15-21E	SWSE	21	100S	190E	U 013766		Federal	GW	APD
4304738544	RBU 18-24E	SWSE	13	100S	190E	U 013794		Federal	GW	APD
4304738545	RBU 19-24E	SWSE	13	100S	190E	U 013794		Federal	GW	APD
4304738546	RBU 25-13E	NWSE	13	100S	190E	U-013765		Federal	GW	APD
4304738547	RBU 31-13E	NWSE	13	100S	190E	U-013765		Federal	GW	APD
4304738549	RBU 17-24E	NWNW	19	100S	200E	U-013794		Federal	GW	APD
4304738550	RBU 18-19F	NENW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738551	RBU 19-19F	NWNW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738552	RBU 20-19F	NWNW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738553	RBU 23-19F	NENW	19	100S	200E	U013769-A		Federal	GW	APD
4304738554	RBU 21-18F	NWSW	18	100S	200E	U013769-A		Federal	GW	APD
4304738582	RBU 17-10E	NWNE	10	100S	190E	U-013792		Federal	GW	APD
4304738583	RBU 18-10E	NWNE	10	100S	190E	U-013792		Federal	GW	APD
4304738584	RBU 27-10E	SWSE	10	100S	190E	U-013792		Federal	GW	APD
4304738585	RBU 26-10E	NESE	10	100S	190E	U-013792		Federal	GW	APD
4304738586	RBU 25-10E	NESE	10	100S	190E	U-013792		Federal	GW	APD
4304738587	RBU 23-10E	NESE	10	100S	190E	U-013792		Federal	GW	APD
4304738588	RBU 22-10E	SWNW	10	100S	190E	U-035316		Federal	GW	APD
4304738589	RBU 21-14E	NWSW	14	100S	190E	U-013792		Federal	GW	APD
4304738590	RBU 27-14E	NWSW	14	100S	190E	U-013792		Federal	GW	APD
4304738591	RBU 25-14E	NESE	14	100S	190E	U-013792		Federal	GW	APD
4304738592	RBU 24-14E	NENE	14	100S	190E	U-013792		Federal	GW	APD
4304738593	RBU 23-14E	SENE	14	100S	190E	U-013792		Federal	GW	APD
4304738594	RBU 30-10E	NENW	15	100S	190E	U-013792		Federal	GW	APD
4304738597	RBU 18-15E	NENW	15	100S	190E	U-013766		Federal	GW	APD
4304738598	RBU 20-14E	SENE	15	100S	190E	U-013792		Federal	GW	APD



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: River Bend Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: XTO ENERGY INC

Well Name: RBU 23-10E

Api No: 43-047-38587 Lease Type: FEDERAL

Section 10 Township 10S Range 19E County UINTAH

Drilling Contractor BILL JR'S RIG # 6

### **SPUDDED:**

Date 11/17/07

Time 5:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by RICK OMAN

Telephone # (435) 828-1456

Date 11/19/07 Signed CHD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410 Phone Number: (505) 333-3100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738585	RBU 26-10E		NESE	10	10S	19E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	7050	11/16/2007		11/29/07		
Comments: <u>MVRD = WSMVD</u> <u>BHL = NWSE</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738586	RBU 25-10E		NESE	10	10S	19E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	7050	11/18/2007		11/29/07		
Comments: <u>MVRD = WSMVD</u> <u>BHL = NESE</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738587	RBU 23-10E		NESE	10	10S	19E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	7050	11/17/2007		11/29/07		
Comments: <u>MVRD = WSMVD</u> <u>BHL = SENE</u>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

HOLLY C. PERKINS

Name (Please Print)

Signature

Regulatory Compliance Tech

Title

11/27/2007

Date

(5/2000)

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**NOV 27 2007**

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

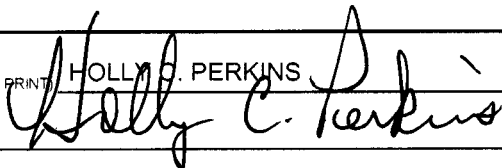
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013792
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME RIVER BEND UNIT
2. NAME OF OPERATOR XTO ENERGY INC.		8. WELL NAME and NUMBER: RBU 23-10E
3. ADDRESS OF OPERATOR 382 CR 3100 CITY: AZTEC STATE: NM ZIP: 87410		9. API NUMBER: 4304738587
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2007'FSL & 1168' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S		10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES
		COUNTY: UINTAH STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/17/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. spudded 17-1/2" hole on 11/17/2007. Drilled to 570' and set 14 joints 13-3/8", 48#, H-40, ST&C casing @ 540' with 500 sx Premium Cement.

Drilling ahead . . .

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE 	DATE 11/27/2007

(This space for State use only)

RECEIVED

DEC 03 2007



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
U013792

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
RIVERBEND UNIT

8. WELL NAME and NUMBER:  
RBU 23-10E

9. API NUMBER:  
4304738587

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

XTO ENERGY INC.

3. ADDRESS OF OPERATOR:

382 CR 3100

CITY AZTEC

STATE NM

Zip 87410

PHONE NUMBER:

(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2007' FSL & 1168' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/10/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY REPORTING
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 10/05/2007 to 01/10/2008.

NAME (PLEASE PRINT) DOLENA JOHNSON

TITLE OFFICE CLERK

SIGNATURE

*Dolena Johnson*

DATE 1/15/2008

(This space for State use only)

RECEIVED  
JAN 18 2008  
DIV. OF OIL, GAS & MINING

**Farmington Well Workover Report**

<b>RIVERBEND UNIT</b>	<b>Well # 023-10E</b>	<b>MV/WSTC</b>
-----------------------	-----------------------	----------------

**Objective:** Drill & Complete

**First Report:** 11/02/2007

**AFE:** 715565

**11/2/07** First rpt for AFE #715565 to D&C. MIRU Jackson Const. STD loc on 10/15/07. RDMO Jackson Const 10/28/07. Lined pit w/16 mil lnr 10/31/07. Susp rpts pending further activity. Note: (Pad well w/RBU 25-10E, 26-10E & 9-10E).

## RBU 23-10E

DATE:	11/15/2007		
OPERATION:	Drill and Set 40' of 20" Conductor Pipe.		
DFS:	-2.02	Footage Made:	Measured Depth:
MW:		VISC:	
WOB:		RPM:	
DMC:		CMC:	DWC: CWC:
TIME DIST:	(24.00) Drill 26" Conductor Hole to 40'. Ran 20" Conductor Pipe Set @ 40'. Cement To Surface w/ 5 yds Redimix Cement. Drill And Set Rat And Mouse Hole..		

DATE:	11/18/2007				
OPERATION:	Drilling Surface.				
DFS:	1.21	Footage Made:	Measured Depth:		
MW:		VISC:			
WOB:		RPM:			
DMC:		CMC:	DWC:	157,205.00	CWC: 157,205.00
TIME DIST:	(18.50) Drill 570' Of 17 1/2" Hole.. (1.00) Circulate.. (1.00) TOOH LD Pipe.. (5.50) Set 540' Of 13 3/8" Surface Casing.. (3.00) Cement Surface Casing To Surface..				

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

U-013792

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

RIVERBEND UNIT

8. WELL NAME and NUMBER:

RBU 23-10E

9. API NUMBER:

4304738587

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

XTO ENERGY INC.

3. ADDRESS OF OPERATOR:

382 CR 3100

CITY AZTEC

STATE NM

ZIP 87410

PHONE NUMBER:

(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2007' FSL & 1168' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT  
(Submit in Duplicate)  
Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)  
Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☒ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

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☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: \_\_\_\_\_

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. proposes to change the casing, cementing, and directional elements of the drilling program as shown in the attached documents. There has been no change to the BHL.

COPY SENT TO OPERATOR

Date: 3.19.2008

Initials: KS

NAME (PLEASE PRINT) DOLENA JOHNSON

TITLE OFFICE CLERK

SIGNATURE

*Dolena C Johnson*

DATE

2/25/2008

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

(5/2000)

Date: 3/17/08

By: *D. Johnson*

(See Instructions on Reverse Side)

RECEIVED

FEB 27 2008

DIV. OF OIL, GAS & MINING

# XTO ENERGY INC.

RBU 23-10E

APD Data

February 25, 2008

Location: 2007' FSL & 1168' FEL, Sec. 10, T10S, R19E County: Uintah

State: Utah

Bottomhole Location: 2350' FNL & 1350' FEL, Sec. 10, T10S, R19E

GREATEST PROJECTED TD: 9040' MD/ 8900' TVD  
APPROX GR ELEV: 5041'

OBJECTIVE: Wasatch/Mesaverde  
Est KB ELEV: 5055' (14' AGL)

## 2. CASING PROGRAM:

Intermediate Casing: 9.625" casing set at ±3494' MD/3375' TVD in a 12.25" hole filled with 8.8 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-3494'	3494'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	1.67	2.92	3.13

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

Production Casing: 5.5" casing set at ±9040' MD/8900' TVD in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-9040'	9040'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.86	2.30	2.26

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

## 4. CEMENT PROGRAM:

B. Intermediate: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at ±3494' in 12.25" hole.

### LEAD:

±374 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft<sup>3</sup>/sk, 22.95 gal wtr/sx.

### TAIL:

350 sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

*Total estimated slurry volume for the 9.625" intermediate casing is 1849 ft<sup>3</sup>. Slurry includes 75% excess of calculated open hole annular volume to 3494'.*

C. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±9040' in 7.875" hole.

### LEAD:

±175 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft<sup>3</sup>/sk, 17.71 gal wtr/sx.

### TAIL:

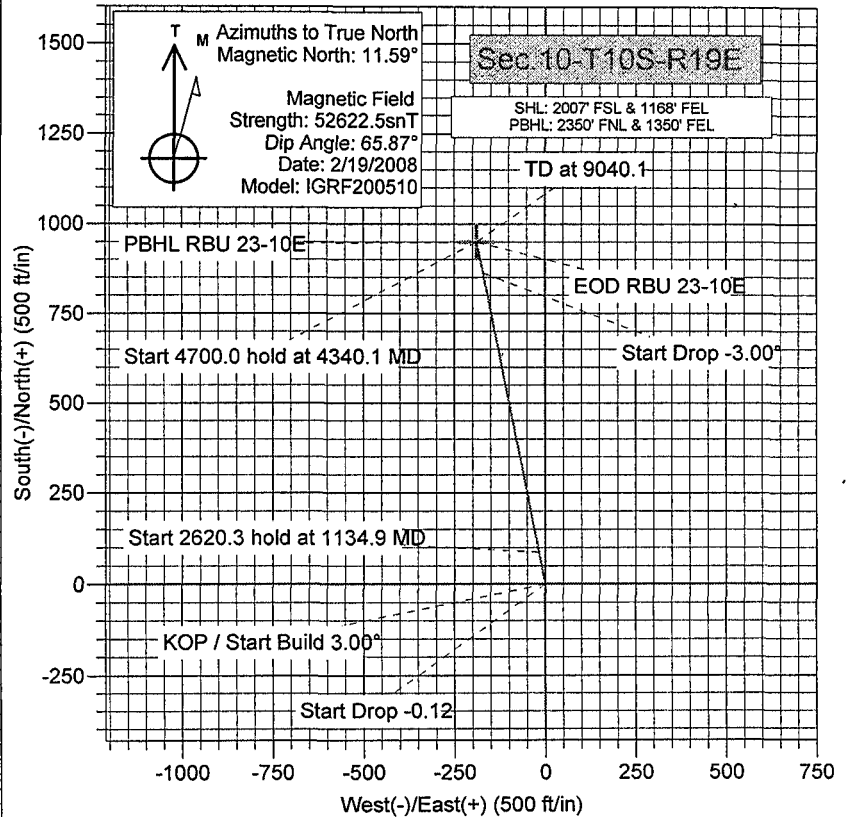
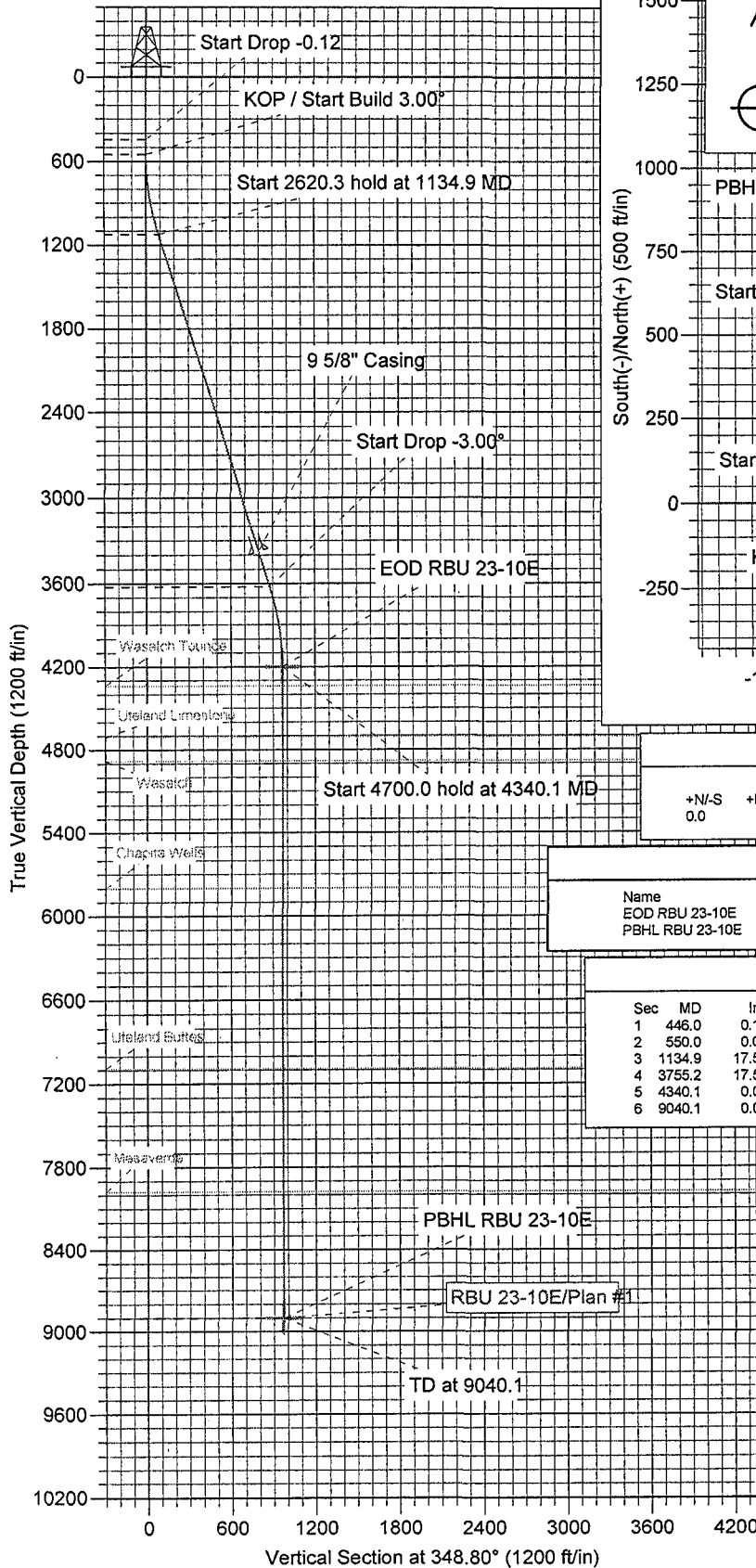
400 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

*Total estimated slurry volume for the 5.5" production casing is 1245 ft<sup>3</sup>. Slurry includes 15% excess of calculated open hole annular volume.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface and intermediate casing strings. The production casing is designed for 2994' top of cement..*

**9. COMPANY PERSONNEL:**

<b><u>Name</u></b>	<b><u>Title</u></b>	<b><u>Office Phone</u></b>	<b><u>Home Phone</u></b>
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Glen Christiansen	Project Geologist	817-885-2800	



## WELL DETAILS: RBU 23-10E

+N/-S	+E/-W	Northing	Ground Level: Easting	5041.0 Latitude	Longitude	Slot
0.0	0.0	7158957.38	2127026.00	39° 57' 36.799 N	109° 45' 49.849 W	

## WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
EOD RBU 23-10E	4200.0	949.7	-188.1	39° 57' 46.186 N	109° 45' 52.265 W	Point
PBHL RBU 23-10E	8900.0	949.7	-188.1	39° 57' 46.186 N	109° 45' 52.265 W	Point

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	446.0	0.13	29.73	446.0	0.4	0.1	0.00	0.00	0.3	
2	550.0	0.00	0.00	550.0	0.5	0.2	0.12	180.00	0.4	
3	1134.9	17.55	348.78	1125.8	87.6	-17.1	3.00	348.78	89.3	
4	3755.2	17.55	348.78	3624.2	862.6	-170.8	0.00	0.00	879.3	
5	4340.1	0.00	0.00	4200.0	949.7	-188.1	3.00	180.00	968.2	EOD RBU 23-10E
6	9040.1	0.00	0.00	8900.0	949.7	-188.1	0.00	0.00	968.2	PBHL RBU 23-10E

## ANNOTATIONS

TVD	MD	Annotation
446.0	446.0	Start Drop -0.12
550.0	550.0	KOP / Start Build 3.00°
1125.8	1134.9	Start 2620.3 hold at 1134.9 MD
3624.2	3755.2	Start Drop -3.00°
4200.0	4340.1	Start 4700.0 hold at 4340.1 MD
8900.0	9040.1	TD at 9040.1

XTO ENERGY

## **XTO Energy**

Uintah Co., UT

Sec.10-T10S-R19E

RBU 23-10E

Wellbore #1

Plan: Plan #1

## **Pathfinder Planning Report**

21 February, 2008

**PATHFINDER**  
ENERGY SERVICES



# Pathfinder Energy Services

## Planning Report



XTO ENERGY

Database: EDM 2003.16 Single User Db  
Company: XTO Energy  
Project: Uintah Co., UT  
Site: Sec.10-T10S-R19E  
Well: RBU 23-10E  
Wellbore: Wellbore #1  
Design: Plan #1

Local Co-ordinate Reference: Well RBU 23-10E  
TVD Reference: WELL @ 5059.0ft (Original Well Elev)  
MD Reference: WELL @ 5059.0ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Project	Uintah Co., UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Sec.10-T10S-R19E		
Site Position:		Northing:	7,161,778.74 ft
From:	Lat/Long	Easting:	2,126,710.24 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	39° 58' 4.739 N
		Longitude:	109° 45' 53.201 W
		Grid Convergence:	1.11 °

Well	RBU 23-10E		
Well Position	+N-S	0.0 ft	Northing:
	+E-W	0.0 ft	Easting:
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	39° 57' 36.799 N
		Longitude:	109° 45' 49.849 W
		Ground Level:	5,041.0 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF200510	2/19/2008	11.59
			Dip Angle
			(°)
			65.87
			Field Strength
			(nT)
			52,623

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth:
			446.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(ft)	(ft)	(ft)
	8,900.0	0.0	0.0
			Direction
			(°)
			348.80

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N-S	+E-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(°)	
(ft)			(ft)			(°/100ft)	(°/100ft)	(°/100ft)		
446.0	0.13	29.73	446.0	0.4	0.1	0.00	0.00	0.00	0.00	
550.0	0.00	0.00	550.0	0.5	0.2	0.12	-0.12	0.00	180.00	
1,134.9	17.55	348.78	1,125.8	87.6	-17.1	3.00	3.00	0.00	348.78	
3,755.2	17.55	348.78	3,624.2	862.6	-170.8	0.00	0.00	0.00	0.00	
4,340.1	0.00	0.00	4,200.0	949.7	-188.1	3.00	-3.00	0.00	180.00	EOD RBU 23-10E
9,040.1	0.00	0.00	8,900.0	949.7	-188.1	0.00	0.00	0.00	0.00	PBHL RBU 23-10E

**Pathfinder Energy Services**  
Planning Report



XTOENERGY

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**Wellbore:** Wellbore #1  
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**MD Reference:** WELL @ 5059.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
<b>Start Drop -0.12</b>									
446.0	0.13	29.73	446.0	0.4	0.1	0.3	0.16	-0.15	-21.80
500.0	0.06	29.73	500.0	0.4	0.2	0.4	0.12	-0.12	0.00
<b>KOP / Start Build 3.00°</b>									
550.0	0.00	0.00	550.0	0.5	0.2	0.4	0.12	-0.12	0.00
600.0	1.50	348.78	600.0	1.1	0.0	1.1	3.00	3.00	0.00
700.0	4.50	348.78	699.8	6.2	-1.0	6.3	3.00	3.00	0.00
800.0	7.50	348.78	799.3	16.5	-3.0	16.8	3.00	3.00	0.00
900.0	10.50	348.78	898.0	31.8	-6.1	32.4	3.00	3.00	0.00
1,000.0	13.50	348.78	995.8	52.2	-10.1	53.2	3.00	3.00	0.00
1,100.0	16.50	348.78	1,092.4	77.6	-15.1	79.1	3.00	3.00	0.00
<b>Start 2620.3 hold at 1134.9 MD</b>									
1,134.9	17.55	348.78	1,125.8	87.6	-17.1	89.3	3.00	3.00	0.00
1,200.0	17.55	348.78	1,187.9	106.9	-20.9	108.9	0.00	0.00	0.00
1,300.0	17.55	348.78	1,283.2	136.5	-26.8	139.1	0.00	0.00	0.00
1,400.0	17.55	348.78	1,378.6	166.0	-32.7	169.2	0.00	0.00	0.00
1,500.0	17.55	348.78	1,473.9	195.6	-38.5	199.4	0.00	0.00	0.00
1,600.0	17.55	348.78	1,569.3	225.2	-44.4	229.5	0.00	0.00	0.00
1,700.0	17.55	348.78	1,664.6	254.8	-50.3	259.7	0.00	0.00	0.00
1,800.0	17.55	348.78	1,759.9	284.3	-56.1	289.8	0.00	0.00	0.00
1,900.0	17.55	348.78	1,855.3	313.9	-62.0	320.0	0.00	0.00	0.00
2,000.0	17.55	348.78	1,950.6	343.5	-67.9	350.1	0.00	0.00	0.00
2,100.0	17.55	348.78	2,046.0	373.1	-73.7	380.3	0.00	0.00	0.00
2,200.0	17.55	348.78	2,141.3	402.6	-79.6	410.4	0.00	0.00	0.00
2,300.0	17.55	348.78	2,236.7	432.2	-85.4	440.6	0.00	0.00	0.00
2,400.0	17.55	348.78	2,332.0	461.8	-91.3	470.7	0.00	0.00	0.00
2,500.0	17.55	348.78	2,427.4	491.4	-97.2	500.9	0.00	0.00	0.00
2,600.0	17.55	348.78	2,522.7	520.9	-103.0	531.0	0.00	0.00	0.00
2,700.0	17.55	348.78	2,618.1	550.5	-108.9	561.2	0.00	0.00	0.00
2,800.0	17.55	348.78	2,713.4	580.1	-114.8	591.3	0.00	0.00	0.00
2,900.0	17.55	348.78	2,808.8	609.7	-120.6	621.5	0.00	0.00	0.00
3,000.0	17.55	348.78	2,904.1	639.2	-126.5	651.6	0.00	0.00	0.00
3,100.0	17.55	348.78	2,999.5	668.8	-132.4	681.8	0.00	0.00	0.00
3,200.0	17.55	348.78	3,094.8	698.4	-138.2	711.9	0.00	0.00	0.00
3,300.0	17.55	348.78	3,190.1	727.9	-144.1	742.1	0.00	0.00	0.00
3,400.0	17.55	348.78	3,285.5	757.5	-150.0	772.2	0.00	0.00	0.00
<b>9 5/8" Casing</b>									
3,493.9	17.55	348.78	3,375.0	785.3	-155.5	800.5	0.00	0.00	0.00
3,500.0	17.55	348.78	3,380.8	787.1	-155.8	802.4	0.00	0.00	0.00
3,600.0	17.55	348.78	3,476.2	816.7	-161.7	832.5	0.00	0.00	0.00
3,700.0	17.55	348.78	3,571.5	846.2	-167.5	862.7	0.00	0.00	0.00
<b>Start Drop -3.00°</b>									
3,755.2	17.55	348.78	3,624.2	862.6	-170.8	879.3	0.00	0.00	0.00
3,800.0	16.20	348.78	3,667.0	875.3	-173.3	892.3	3.00	-3.00	0.00
3,900.0	13.20	348.78	3,763.7	900.2	-178.2	917.7	3.00	-3.00	0.00
4,000.0	10.20	348.78	3,861.7	920.1	-182.2	938.0	3.00	-3.00	0.00
4,100.0	7.20	348.78	3,960.5	935.0	-185.1	953.1	3.00	-3.00	0.00
4,200.0	4.20	348.78	4,060.0	944.7	-187.1	963.1	3.00	-3.00	0.00
4,300.0	1.20	348.78	4,159.9	949.3	-188.0	967.8	3.00	-3.00	0.00
<b>Start 4700.0 hold at 4340.1 MD - EOD RBU 23-10E</b>									
4,340.1	0.00	0.00	4,200.0	949.7	-188.1	968.2	3.00	-3.00	0.00
4,400.0	0.00	0.00	4,259.9	949.7	-188.1	968.2	0.00	0.00	0.00

# Pathfinder Energy Services

## Planning Report



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 Project: Uintah Co., UT  
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 Well: RBU 23-10E  
 Wellbore: Wellbore #1  
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Local Co-ordinate Reference: Well RBU 23-10E  
 TVD Reference: WELL @ 5059.0ft (Original Well Elev)  
 MD Reference: WELL @ 5059.0ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
<b>Wasatch Tounge</b>									
4,480.1	0.00	0.00	4,340.0	949.7	-188.1	968.2	0.00	0.00	0.00
4,500.0	0.00	0.00	4,359.9	949.7	-188.1	968.2	0.00	0.00	0.00
4,600.0	0.00	0.00	4,459.9	949.7	-188.1	968.2	0.00	0.00	0.00
4,700.0	0.00	0.00	4,559.9	949.7	-188.1	968.2	0.00	0.00	0.00
4,800.0	0.00	0.00	4,659.9	949.7	-188.1	968.2	0.00	0.00	0.00
<b>Uteland Limestone</b>									
4,850.1	0.00	0.00	4,710.0	949.7	-188.1	968.2	0.00	0.00	0.00
4,900.0	0.00	0.00	4,759.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,000.0	0.00	0.00	4,859.9	949.7	-188.1	968.2	0.00	0.00	0.00
<b>Wasatch</b>									
5,020.1	0.00	0.00	4,880.0	949.7	-188.1	968.2	0.00	0.00	0.00
5,100.0	0.00	0.00	4,959.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,200.0	0.00	0.00	5,059.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,300.0	0.00	0.00	5,159.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,400.0	0.00	0.00	5,259.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,500.0	0.00	0.00	5,359.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,600.0	0.00	0.00	5,459.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,700.0	0.00	0.00	5,559.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,800.0	0.00	0.00	5,659.9	949.7	-188.1	968.2	0.00	0.00	0.00
5,900.0	0.00	0.00	5,759.9	949.7	-188.1	968.2	0.00	0.00	0.00
<b>Chapita Wells</b>									
5,940.1	0.00	0.00	5,800.0	949.7	-188.1	968.2	0.00	0.00	0.00
6,000.0	0.00	0.00	5,859.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,100.0	0.00	0.00	5,959.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,200.0	0.00	0.00	6,059.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,300.0	0.00	0.00	6,159.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,400.0	0.00	0.00	6,259.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,500.0	0.00	0.00	6,359.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,600.0	0.00	0.00	6,459.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,700.0	0.00	0.00	6,559.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,800.0	0.00	0.00	6,659.9	949.7	-188.1	968.2	0.00	0.00	0.00
6,900.0	0.00	0.00	6,759.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,000.0	0.00	0.00	6,859.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,100.0	0.00	0.00	6,959.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,200.0	0.00	0.00	7,059.9	949.7	-188.1	968.2	0.00	0.00	0.00
<b>Uteland Buttes</b>									
7,230.1	0.00	0.00	7,090.0	949.7	-188.1	968.2	0.00	0.00	0.00
7,300.0	0.00	0.00	7,159.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,400.0	0.00	0.00	7,259.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,500.0	0.00	0.00	7,359.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,600.0	0.00	0.00	7,459.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,700.0	0.00	0.00	7,559.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,800.0	0.00	0.00	7,659.9	949.7	-188.1	968.2	0.00	0.00	0.00
7,900.0	0.00	0.00	7,759.9	949.7	-188.1	968.2	0.00	0.00	0.00
8,000.0	0.00	0.00	7,859.9	949.7	-188.1	968.2	0.00	0.00	0.00
8,100.0	0.00	0.00	7,959.9	949.7	-188.1	968.2	0.00	0.00	0.00
<b>Mesaverde</b>									
8,120.1	0.00	0.00	7,980.0	949.7	-188.1	968.2	0.00	0.00	0.00
8,200.0	0.00	0.00	8,059.9	949.7	-188.1	968.2	0.00	0.00	0.00
8,300.0	0.00	0.00	8,159.9	949.7	-188.1	968.2	0.00	0.00	0.00
8,400.0	0.00	0.00	8,259.9	949.7	-188.1	968.2	0.00	0.00	0.00
8,500.0	0.00	0.00	8,359.9	949.7	-188.1	968.2	0.00	0.00	0.00

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Design: Plan #1

Local Co-ordinate Reference: Well RBU 23-10E  
TVD Reference: WELL @ 5059.0ft (Original Well Elev)  
MD Reference: WELL @ 5059.0ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,600.0	0.00	0.00	8,459.9	949.7	-188.1	968.2	0.00	0.00	0.00
8,700.0	0.00	0.00	8,559.9	949.7	-188.1	968.2	0.00	0.00	0.00
8,800.0	0.00	0.00	8,659.9	949.7	-188.1	968.2	0.00	0.00	0.00
8,900.0	0.00	0.00	8,759.9	949.7	-188.1	968.2	0.00	0.00	0.00
9,000.0	0.00	0.00	8,859.9	949.7	-188.1	968.2	0.00	0.00	0.00
TD at 9040.1 - PBHL RBU 23-10E									
9,040.1	0.00	0.00	8,900.0	949.7	-188.1	968.2	0.00	0.00	0.00

**Targets**

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
EOD RBU 23-10E	0.00	0.00	4,200.0	949.7	-188.1	7,159,903.31	2,126,819.53	39° 57' 46.186 N	109° 45' 52.265 W
- plan hits target									
- Point									
PBHL RBU 23-10E	0.00	0.00	8,900.0	949.7	-188.1	7,159,903.31	2,126,819.53	39° 57' 46.186 N	109° 45' 52.265 W
- plan hits target									
- Point									

**Casing Points**

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
3,493.9	3,375.0	9 5/8" Casing	9-5/8	12-1/4

**Formations**

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,480.1	4,340.0	Wasatch Tounge		0.00	
4,850.1	4,710.0	Uteland Limestone		0.00	
5,020.1	4,880.0	Wasatch		0.00	
5,940.1	5,800.0	Chapita Wells		0.00	
7,230.1	7,090.0	Uteland Buttes		0.00	
8,120.1	7,980.0	Mesaverde		0.00	

**Plan Annotations**

Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
446.0	446.0	0.4	0.1	Start Drop -0.12
550.0	550.0	0.5	0.2	KOP / Start Build 3.00°
1,134.9	1,125.8	87.6	-17.1	Start 2620.3 hold at 1134.9 MD
3,755.2	3,624.2	862.6	-170.8	Start Drop -3.00°
4,340.1	4,200.0	949.7	-188.1	Start 4700.0 hold at 4340.1 MD
9,040.1	8,900.0	949.7	-188.1	TD at 9040.1

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013792
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: RIVERBEN UNIT
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: RIVERBEN UNIT
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: RBU 23-10E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2007' FSL & 1168' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S		9. API NUMBER: 4304738587
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES/WSTCH-MV
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 2/29/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: JAN-FEB'08
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	MONTHLY RPTS

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the months of January & February 2008.

NAME (PLEASE PRINT) DOLENA JOHNSON	TITLE OFFICE CLERK
SIGNATURE <i>Dolena Johnson</i>	DATE 3/1/2008

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DIV. OF OIL, GAS & MINING

**HALLIBURTON**

*Cementing Job Summary*

*The Road to Excellence Starts with Safety*

Sold To #: 301599	Ship To #: 2638307	Quote #:	Sales Order #: 5742212
Customer: XTO ENERGY INC		Customer Rep:	
Well Name: RIVER BEND UNIT	Well #: 23-10E	API/URN #:	
Field: NATURAL BUTTES	City (SAP): UNKNOWN	County/Parish: Uintah	State: Utah
Contractor: Frontier Drilling	Rig/Platform Name/Num: Frontier 6		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	Job Type: Cement Intermediate Casing		
Sales Person: KRUGER, ROBERT	Srvc Supervisor: STILL, MICHAEL	MDU ID Emp #: 258213	

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
STILL, MICHAEL	7	258213	DEARING, KEN	7		JOHNSON, LONDON	7	
Wayne								

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10264855	mile	10624106	mile	10973575	mile	6441	mile
7646T	mile						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
3-13-08	7	4						
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

**Job**

Formation Name			
Formation Depth (MD)	Top	Bottom	
Form Type	BHST		
Job depth MD	3495. ft	Job Depth TVD	3495. ft
Water Depth		Wk Ht Above Floor	3. ft
Perforation Depth (MD)	From	To	

**Job Times**

	Date	Time	Time Zone
Called Out	13 - Mar - 2008	04:30	MST
On Location	13 - Mar - 2008	06:00	MST
Job Started	13 - Mar - 2008	00:00	MST
Job Completed	13 - Mar - 2008	00:00	MST
Departed Loc	13 - Mar - 2008	00:00	MST

**Well Data**

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12 1/4" Open Hole				12.25				550.	3500.		
13 3/8" Surface	New		13.375	12.615	54.5				550.		
9 5/8" Intermediate	Used		9.625	8.921	36.		J-55		3454.		

**Sales/Rental/3<sup>rd</sup> Party (IES)**

Description	Qty	Qty uom	Depth	Supplier
PLUG, CMTG, TOP, 9 5/8, HW, 8.16 MIN/9.06 MA	1	EA		

**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					S&R plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

**Miscellaneous Materials**

Cementing Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Qty	Conc	%

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Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Gel Water W/Poly-E Ahead		20.0	bbl	8.4	.0	.0	5.0	
2	Lead Cement	CMT - STANDARD TYPE III - FINE (100012229)	400.0	sacks	10.5	4.14	26.03	5.0	26.03
	94 lbm	CMT - STANDARD TYPE III - FINE, BULK (100012229)							
	2 %	CAL-SEAL 60, 100 LB BAG (100005051)							
	2 %	ECONOLITE (100001580)							
	0.3 %	VERSASET, 50 LB SK (100007865)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	10 lbm	GILSONITE, BULK (100003700)							
	26.03 Gal	FRESH WATER							
3	Tail Cement	CMT - STANDARD CEMENT (100003684)	250.0	sacks	15.6	1.2	5.26	5.0	5.26
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.258 Gal	FRESH WATER							
4	Displacement		263.55	bbl	8.34	.0	.0	5.0	
5	Top Out Side	CMT - STANDARD CEMENT (100003684)	350.0	sacks	15.6	1.21	5.28		5.28
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.275 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left in Pipe	Amount	45 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The information Stated Herein is Correct				Customer Representative Signature					

# HALLIBURTON

## Cementing Job Log

*The Road to Excellence Starts with Safety*

Sold To #: 301599		Ship To #: 2638307		Quote #:		Sales Order #: 5742212	
Customer: XTO ENERGY INC				Customer Rep:			
Well Name: RIVER BEND UNIT			Well #: 23-10E		API/UWI #:		
Field: NATURAL BUTTES		City (SAP): UNKNOWN		County/Parish: Uintah		State: Utah	
Legal Description:							
Lat:				Long:			
Contractor: Frontier Drilling			Rig/Platform Name/Num: Frontier 6				
Job Purpose: Cement Intermediate Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Intermediate Casing				
Sales Person: KRUGER, ROBERT			Srvc Supervisor: STILL, MICHEAL			MBU ID Emp #: 258213	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	03/13/2008 04:30							
Arrive at Location from Service Center	03/13/2008 08:00							
Safety Meeting	03/13/2008 08:15							
Rig-Up Equipment	03/13/2008 08:20							
Safety Meeting	03/13/2008 10:35							
Test Lines	03/13/2008 10:55						3000.0	
Pump Water	03/13/2008 10:58		4	10			140.0	
Pump Gel Pill	03/13/2008 11:00		4	20			130.0	
Pump Water	03/13/2008 11:08		4	10			130.0	
Pump Lead Cement	03/13/2008 11:11		5	247.9			195.0	
Pump Tail Cement	03/13/2008 12:11		5	31.3			250.0	
Drop Plug	03/13/2008 12:27							
Pump Displacement	03/13/2008 12:28		5				110.0	9.6# MUD
Slow Rate	03/13/2008 13:05		4	140			125.0	
Pressure Up	03/13/2008 13:08		4	170			180.0	CATCH CEMENT
Cement Returns to Surface	03/13/2008 13:11		4	200			400.0	
Slow Rate	03/13/2008 13:21		2.5	240			500.0	

Sold To #: 301599

Ship To #: 2638307

Quote #:

Sales Order #:

5742212

SUMMIT Version: 7 20 130

Thursday March 13 2008 02:29:00



# HALLIBURTON

## *Cementing Job Log*

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	03/13/2008 13:29		2.5	266.6			600.0	500 OVER LAND PRESSURE (1300)
Check Floats	03/13/2008 13:31							FLOAT HELD 1.5 BBL. BACK
Safety Meeting	03/13/2008 13:40							
Rig-Down Equipment	03/13/2008 13:45							
Depart Location for Service Center or Other Site	03/13/2008 14:45							

Sold To # : 301599

Ship To # :2638307

Quote # :

Sales Order # :

5742212

SUMMIT Version: 7 20 130

Thursday March 13, 2008 02:29:00

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013792
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: RIVERBEND UNIT
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: RBU 23-10E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2007' FSL & 1168' FEL COUNTY: UINTAH		9. API NUMBER: 4304738587
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES/WSTCH-MV

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MARCH MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 03/01/2008 thru 03/31/2008.

NAME (PLEASE PRINT) DOLENA JOHNSON	TITLE OFFICE CLERK
SIGNATURE <i>Dolena Johnson</i>	DATE 4/3/2008

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DIV. OF OIL, GAS & MINING

**UINTAH****RBU 23-10E**

LOCATION: NESE, Sec 10, T10S, R19E  
CONTRACTOR: Frontier Drilling, 6  
WI %:  
AFE#: 715565  
API#: 43047385870000  
DATE FIRST RPT: 11/15/2007

DATE: 3/10/2008  
OPERATION: DRILLING @ 653' SLIDING TO BUILD ANGLE  
DFS: 113.98 Footage Made: 89 Measured Depth: 653  
MW: 9.4 VISC: 38  
WOB: 25 RPM: 85  
DMC: CMC: DWC: 42,618.00 CWC: 199,823.00  
TIME DIST: (12.00) SKID RIG FROM RBU 26-10 E & RIG UP. (3.00) P/U BHA & D.P.. (3.00) WAIT ON MWD HANDS. (1.50) ORIENT MWD & TRIP IN T/485'. (1.00) DRILL CMT. & FLOAT EQ. F/485' T/564'. (3.50) DRLG. F/564' T/653' SLIDING TO BUILD ANGLE.

DATE: 3/11/2008  
OPERATION: DRILLING @ 1800'  
DFS: 114.98 Footage Made: 1,147 Measured Depth: 1,800  
MW: 9.5 VISC: 38  
WOB: 25 RPM: 85  
DMC: CMC: DWC: 40,012.00 CWC: 239,835.00  
TIME DIST: (5.50) DRLG. F/653' T/932' SLIDE & ROT. TO BUILD ANGLE. (0.50) RIG SERVICE. (18.00) DRLG. F/932' T/1800' SLIDE & ROT. TO HOLD ANGLE.

DATE: 3/12/2008  
OPERATION: DRILLING @ 2900'  
DFS: 115.98 Footage Made: 1,100 Measured Depth: 2,900  
MW: 9.5 VISC: 39  
WOB: 25 RPM: 85  
DMC: CMC: DWC: 66,667.00 CWC: 306,502.00  
TIME DIST: (8.00) DRLG. F/1800' T/2267' SLIDE & ROT HOLDING ANGLE. (0.50) RIG SERVICE. (15.50) DRLG. F/2267' T/2900' SLIDE & ROT. HOLDING ANGLE.

DATE: 3/13/2008  
OPERATION: RUNNING 9 5/8" INTERMEDIATE CSG.  
DFS: 116.98 Footage Made: 615 Measured Depth: 3,515  
MW: 9.5 VISC: 38  
WOB: 25 RPM: 85  
DMC: CMC: DWC: 151,565.00 CWC: 458,067.00  
TIME DIST: (9.50) DRLG. F/2900' T/3250' SLIDE & ROT. TO HOLD ANGLE. (0.50) RIG SERVICE. (7.00) DRLG. F/3250' T/3515' SLIDE \* ROT. TO HOLD ANGLE. (1.50) CIRC. & COND FOR CSG.. (2.50) TRIP OUT & LAY DOWN 8" MWD. (3.00) RIG UP WEATHERFORD TRS AND RUN 9 5/8" INTERMEDIATE CSG..

DATE: 3/14/2008  
OPERATION: DRILLING @ 3563'  
DFS: 117.98 Footage Made: 48 Measured Depth: 3,563  
MW: 9.5 VISC: 38  
WOB: 15 RPM: 63  
DMC: CMC: DWC: 78,341.00 CWC: 536,408.00  
TIME DIST: (1.50) RAN 78 JTS. 9 5/8" 36# J-55 WITH DIFF. FILL FLOAT & SHOE TOTAL 3495'. (2.50) CIRC. & COND. FOR CMT.. (4.00) R/U HALLIBURTON AND CMT. LEAD = 400 SK TYPE III WT. 10.5 YIELD 4.14 248 BBL - TAIL = 250 SK TYPE I WT. 15.6 YIELD 1.20 31 BBL - DROP PLUG & DISP. WITH 266 BBL MUD - PLUG BUMPED FLOATS HELD - 60 BB CMT TO SURF. HOLE STAYED FULL. (5.00) NIPPLE DOWN DIVERTER & NIPPLE UP BOP. (4.50) PRESS. TEST BOP & CHOKE TO 3000 ANNULAR & CSG.1500. (3.50) PICK UP MWD & TRIP IN HOLE. (1.00) DRILL CMT & FLOAT EQ. F/3455' T/3515'. (2.00) DRLG. F/3515' T/3563' SLIDE & ROT. TO DROP ANGLE.

DATE: 3/15/2008  
OPERATION: TRIP TO LAY DOWN MWD  
DFS: 118.98 Footage Made: 1,007 Measured Depth: 4,570  
MW: 9.1 VISC: 39  
WOB: 20 RPM: 63  
DMC: CMC: DWC: 77,116.00 CWC: 613,524.00  
TIME DIST: (8.00) DRLG. F/3563' T/3882' SLIDE & ROT. DROPPING ANGLE. (0.50) RIG SERVICE. (11.50) DRLG. F/3882' T/4570' SLIDE & ROT. DROPPING ANGLE. (4.00) TRIP TO LAY DOWN MWD TOOLS.

DATE: 3/16/2008

**OPERATION:** DRILLING @ 5207'  
**DFS:** 119.98      **Footage Made:** 637      **Measured Depth:** 5,207  
**MW:** 9.5      **VISC:** 39  
**WOB:** 20      **RPM:** 63  
**DMC:**      **CMC:**      **DWC:** 30,648.00      **CWC:** 644,172.00  
**TIME DIST:** (1.50) TRIP IN. (1.50) WORK TIGHT SPOT @ 4095'. (1.00) TRIP IN & WASH 30' TO BTM.. (5.00) DRLG. F/4570' T/4699'.  
(1.00) RIG SERVICE & INSTALL ROT. HEAD RUBBER. (12.00) DRLG. F/4699' T/5207'.

**DATE:** 3/17/2008  
**OPERATION:** DRILLING @ 5907'  
**DFS:** 120.98      **Footage Made:** 700      **Measured Depth:** 5,907  
**MW:** 9.5      **VISC:** 40  
**WOB:** 25      **RPM:** 100  
**DMC:**      **CMC:**      **DWC:** 30,648.00      **CWC:** 674,820.00  
**TIME DIST:** (2.50) DRLG. F/5207' T/5333'. (0.50) SURVEY @ 5257' 2 Deg.. (6.50) DRLG. F/5333' T/5522'. (0.50) RIG SERVICE.  
(14.00) DRLG. F/5522' T/5907'.

**DATE:** 3/18/2008  
**OPERATION:** DRILLING @ 6477'  
**DFS:** 121.98      **Footage Made:** 570      **Measured Depth:** 6,477  
**MW:** 9.5      **VISC:** 37  
**WOB:** 28      **RPM:** 100  
**DMC:**      **CMC:**      **DWC:** 53,790.00      **CWC:** 728,610.00  
**TIME DIST:** (8.50) DRLG. F/5907' T/6127'. (0.50) RIG SERVICE. (11.50) DRLG. F/6127' T/6445'. (0.50) SURVEY @ 6340' 1 1/2 Deg..  
(3.00) DRLG. F/6445' T/6477'.

**DATE:** 3/19/2008  
**OPERATION:** DRILLING @ 7018'  
**DFS:** 122.98      **Footage Made:** 541      **Measured Depth:** 7,018  
**MW:** 9.5      **VISC:** 38  
**WOB:** 30      **RPM:** 100  
**DMC:**      **CMC:**      **DWC:** 32,743.00      **CWC:** 761,353.00  
**TIME DIST:** (9.00) DRLG. F/6477' T/6699'. (0.50) RIG SERVICE. (14.50) DRLG. F/6699' T/7018'.

**DATE:** 3/20/2008  
**OPERATION:** DRILLING @ 7367'  
**DFS:** 123.98      **Footage Made:** 349      **Measured Depth:** 7,367  
**MW:** 9.6      **VISC:** 40  
**WOB:** 20      **RPM:** 100  
**DMC:**      **CMC:**      **DWC:** 42,701.00      **CWC:** 804,054.00  
**TIME DIST:** (7.50) DRLG. F/7018' T/7176'. (0.50) RIG SERVICE. (8.00) DRLG. F/7176' T/7322'. (6.00) TRIP FOR BIT #3 DROPPED  
SURVEY 1 3/4 Deg. @ 7275'. (2.00) DRLG F/7322' T/7367'.

**DATE:** 3/21/2008  
**OPERATION:** DRILLING @ 7950'  
**DFS:** 124.98      **Footage Made:** 583      **Measured Depth:** 7,950  
**MW:** 9.5      **VISC:** 39  
**WOB:** 20      **RPM:** 100  
**DMC:**      **CMC:**      **DWC:** 40,289.00      **CWC:** 844,343.00  
**TIME DIST:** (9.50) DRLG. F/7367' T/7621'. (0.50) RIG SERVICE. (14.00) DRLG. F/7621' T/7950'.

**DATE:** 3/22/2008  
**OPERATION:** DRILLING @ 8511'  
**DFS:** 125.98      **Footage Made:** 561      **Measured Depth:** 8,511  
**MW:** 9.5      **VISC:** 39  
**WOB:** 25      **RPM:** 100  
**DMC:**      **CMC:**      **DWC:** 49,693.00      **CWC:** 894,036.00  
**TIME DIST:** (9.50) DRLG. F/7950' T/8195'. (0.50) RIG SERVICE. (14.00) DRLG. F/8195' T/8511'.

**DATE:** 3/23/2008  
**OPERATION:** CIRC. FOR LOGS @ T.D. 9050'  
**DFS:** 126.98      **Footage Made:** 539      **Measured Depth:** 9,050  
**MW:** 9.8      **VISC:** 39  
**WOB:** 25      **RPM:** 100  
**DMC:**      **CMC:**      **DWC:** 29,166.00      **CWC:** 923,202.00  
**TIME DIST:** (9.50) DRLG. F/8511' T/8734'. (0.50) RIG SERVICE. (12.50) DRLG. F/8734' T/9050' T.D.. (1.50) CIRC. & COND. FOR  
LOGS.

**DATE:** 3/24/2008  
**OPERATION:** LAY DOWN D.P.

**DFS:** 127.98      **Footage Made:** 0      **Measured Depth:** 9,050  
**MW:** 9.8      **VISC:** 37  
**WOB:** 0      **RPM:** 0  
**DMC:**      **CMC:**      **DWC:** 53,461.00      **CWC:** 976,663.00  
**TIME DIST:** (1.00) CIRC. & COND. FOR LOGS. (4.00) TRIP OUT TO LOG. (7.00) R/U SCHLUMBERGER & RAN PLATFORM EXPRESS  
 WITH DIIRECTIONAL TO 9040'. (1.50) TRIP IN TO CSG. SHOE. (1.50) SLIP & CUT DRLG. LINE. (3.50) TRIP IN & WASH  
 40' TO BTM.. (1.00) CIRC. & COND.. (4.50) LAY DOWN D.P. & D.C..

**DATE:** 3/25/2008  
**OPERATION:** RIG DOWN & PREPAIR TO SKID RIG T/RBU 25-10E  
**DFS:** 128.98      **Footage Made:** 0      **Measured Depth:** 9,050  
**MW:**      **VISC:**  
**WOB:**      **RPM:**  
**DMC:**      **CMC:**      **DWC:** 202,563.00      **CWC:** 1,179,226.00  
**TIME DIST:** (1.50) LAY DOWN D.P. & D.C. - PULL WEAR BUSHING. (6.00) RIG UP WEATHERFORD TRS AND RAN 202JTS 5 1/2" 17#  
 N-80 WITH DIFF FILL SHOE & FLOAT SET @ 9022'. (3.00) CIRC. & COND. FOR CMT.. (3.50) CMT. WITH HALLIBURTON  
 LEAD = 175 SK HIGHFILL WT. 11.6 YIELD 3.12 97 BBL - TAIL = 700 SK LIGHT WT. 13.0 YIELD 1.75 218 BBL - DROP  
 PLUG & DISP. WITH 208 BBL KCL WATER W/ADDS. - PLUG BUMPED FLOATS HELD - FULL RETS. THRU OUT JOB.  
 (10.00) NIPPLE DOWN BOP AND PREPAIR TO SKID TO RBU 25-10 E.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC.

3. ADDRESS OF OPERATOR:  
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:  
(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2007' FSL & 1168' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
U-013792

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
RIVERBEND UNIT

8. WELL NAME and NUMBER:  
RBU 23-10E

9. API NUMBER:  
4304738587

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES/WSTCH-MV

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: APRIL MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 4/01/2008 thru 4/30/2008.

NAME (PLEASE PRINT) WANETT MCCAULEY

TITLE FILE CLERK

SIGNATURE

*Wanett McCauley*

DATE 5/2/2008

(This space for State use only)

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DIV. OF OIL, GAS & MINING

**Farmington Well Workover Report**

<b>RIVERBEND UNIT</b>	<b>Well # 023-10E</b>	<b>MV/WSTC</b>
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**Objective:** Drill & Complete

**First  
Report:** 11/02/2007

**AFE:** 715565

**4/19/08** Cont rpt for AFE # 715565 to D&C. MIRU Casedhole Solutions WL. RIH w/GR/CCL/CBL logging t/s. Tgd @ 8,976'. Run CBL under 750 psig fr/8,976' - 860' FS. Log indic TOC @ 1020'. POH & LD logging t/s. RU pmp trk. PT csg & frac vlv to 5000 psig (OK). POH & RDMO WL. SWI & SDFN. Rpts suspd until further activity.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-013792</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 CR 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No. <b>RIVER BEND UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>2007' FSL &amp; 1168' FEL NESE SEC 10-T10S-R19E</b>		8. Well Name and No. <b>REU 23-10E</b>
		9. API Well No. <b>43-047-38587</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES WASCH-MESA VERDE</b>
		11. County or Parish, State <b>UINTAH UTAH</b>

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>MAY'08</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>MONTHLY REPORTING</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Attached is XTO Energy's monthly report for the period of 05/01/2008 to 05/31/2008.

**RECEIVED**  
**JUN 06 2008**  
**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**WANETT MCCAULEY**Title **FILE CLERK**

Signature

Date **06/03/2008****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**DOGM COPY**



## Farmington Well Workover Report

RIVERBEND UNIT	Well # 023-10E	MV/WSTC
<b>Objective:</b> Drill & Complete		
<b>First Report:</b> 11/02/2007		
<b>AFE:</b> 715565		
<b>5/15/08</b> Cont rpt for AFE # 715565 to D&C. SICP 0 psig. MIRU Casedhole Solutions WL. RIH w/dump blr & 9 gals of 7-1/2% NEFE HCL ac. Spotd ac @ 8,900', POH & LD dump blr. RIH & perf stg #1 MV perfs, w/4" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs, fr/8,878' - 8,883', 8,899' - 8,903', 8,912' - 8,916', 8,922' - 8,926' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 55 holes). POH & LD perf guns. SWI & SDFN.		
<b>5/16/08</b> RU HES. SICP 0 psig. W/HES EMR quartz gauges inplace, preform DFIT tst (pmp 1000 gals of 2% KCL wtr @ 5.5 bpm) on stg #1 perfs fr/8,878' to 8,926'. SWI & SDFN.		
<b>5/17/08</b> SICP 1651 psig. W/HES & Casedhole Solutions WL rigged up. Held safety mtg & PT all surface lines to 7,500 psig, held gd. W/MV stg #1 perfd w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs, fr/8,878' - 8,883', 8,899' - 8,903', 8,912' - 8,916', 8,922' - 8,926', w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 55 holes). BD MV stg #1 perfs w/2% KCL wtr & EIR. A. MV perfs fr/8,878' - 8,926' w/1,050 gals of 7-1/2% NEFE HCL ac & 83 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 2,700 psig, 5" SIP 2,563 psig, 10" SIP 2,515 psig, surge balls off perfs & SD 20". Fracd MV stg #1 perfs fr/8,878' - 8,926', dwn 5-1/2" csg w/39,559 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 77,500 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,675 psig, 5" SIP 3,582 psig, used 1,616,000 mscf of N2, 942 BLWTR (stg 1). RIH & set 10K CBP @ 8,550'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf MV stage #2 intv fr/8,392' - 8,412', w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 61 holes). POH & LD perf guns. Spearheaded 1000 gals of 7-1/2% NEFE HCL ac & Fracd MV stg #2 perfs fr/8,392' - 8,412', dwn 5-1/2" csg w/18,738 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 29,000 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,825 psig, 5" SIP 3,600 psig, used 644,000 mscf of N2, 684 BLWTR (stg 2). RIH & set 10K CBP @ 8,320'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf UB stage #3 intv fr/8,068' - 8,076', 8,109' - 8,113', 8,118' - 8,120' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 45 holes). POH & LD perf guns. BD UB stg #3 perfs w/2% KCL wtr & EIR. A. MV perfs fr/8,068' - 8,120' w/950 gals of 7-1/2% NEFE HCL ac & 68 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 2,350 psig, 5" SIP 2,193 psig, 10" SIP 2,095 psig, surge balls off perfs & SD 20". Fracd MV stg #3 perfs fr/8,068' - 8,120' dwn 5-1/2" csg w/28,704 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 33,000 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 2,697 psig, 5" SIP 2,510 psig, used 685,000 mscf of N2, 683 BLWTR (stg 3). RIH & set 10K CBP @ 8,060'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf UB stage #4 intv fr/7,970' - 7,975', 7,979' - 7,985', 8,025' - 8,032', 8,038' - 8,040' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 64 holes). POH & LD perf guns. W/HES EMR quartz gauges inplace, preform DFIT tst (pmp 1000 gals of 2% KCL wtr @ 5.5 bpm) on stg #1 perfs fr/7,790' - 8,040'. SWI & SDFN. 3,740 BLWTR ttl.		
<b>5/22/08</b> SICP 1651 psig. W/HES and Casedhole Solutions WL rigged up. Held safety mtg & PT all surface lines to 7,500 psig, held gd. W/MV stg #4 perfd w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs, fr/7,970' - 7,975', 7,979' - 7,985', 8,025' - 8,032' & 8,038' - 8,040', w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 64 holes). BD MV stg #4 perfs w/2% KCL wtr & EIR. A. MV perfs fr/7,970' - 8,040' w/1,350 gals of 7-1/2% NEFE HCL ac & 96 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 2,443 psig, 5" SIP 2,192 psig, 10" SIP 2,060 psig, surge balls off perfs & SD 20". Fracd MV stg #4 perfs fr/7,970' - 8,040', dwn 5-1/2" csg w/43,627 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 91,300# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,215 psig, 5" SIP 2,931 psig, used 1,896,000 mscf of N2, 1039 BLWTR (stg 4). RIH & set 6K CBP @ 7,600'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf MV stage #5 intv fr/7,408' - 7,421' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 40 holes). POH & LD perf guns. Spearheaded 1000 gals of 7-1/2% NEFE HCL ac & Fracd MV stg #5 perfs fr/7,408' - 7,421', dwn 5-1/2" csg w/18,738 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 42,200# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 2,466 psig, 5" SIP 2,162 psig, used 833,000 mscf of N2, 471 BLWTR (stg 5). RIH & set 6K CBP @ 7,390'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf UB stage #6 intv fr/7,191' - 7,196', 7,253' - 7,256' & 7,320' - 7,326' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 45 holes). POH & LD perf guns. BD UB stg #6 perfs w/2% KCL wtr & EIR. A. MV perfs fr/7,191' - 7,326' w/950 gals of 7-1/2% NEFE HCL ac & 68 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 2,295 psig, 5" SIP 2,067 psig, 10" SIP 1,938 psig, surge balls off perfs & SD 20". Fracd UB stg #6 perfs fr/7,191' - 7,326', dwn 5-1/2" csg w/30,354 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 50,300# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 2,615 psig, 5" SIP 2,387 psig, used 1,003,000 mscf of N2, 723 BLWTR (stg 6). RIH & set 6K CBP @ 6,780'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf CW stage #7 intv fr/6,600' - 6,618' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 55 holes). POH & LD perf guns. W/HES EMR quartz gauges inplace, preform DFIT tst (pmp 1000 gallons of 2% KCL wtr @ 5.5 bpm) on stg #7 perfs fr/6,600' - 6,618'. SWI & SDFN. 5,973 BLWTR ttl.		

5/24/08

SICP 0 psig. W/HES & Casedhole Solutions WL rigged up. Held safety mtg & PT all surface lines to 7,500 psig, held gd. W/MV stg #7 perfid w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs, fr/6,600' - 6,618' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 55 holes). Spearheaded 1,000 gals of 7-1/2% NEFE HCL ac & Fracd MV stg #7 perfs fr/6,600' - 6,618', dwn 5-1/2" csg w/24,257 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 55,100# Premium White 20/40 sd coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 2,085 psig, 5" SIP 1,734 psig. Used 879,500 mscf of N2, 578 BLW (stg 7). RIH & set 6K CBP @ 6,510'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf CW stage #8 intv fr/6,280' - 6,284', 6,288' - 6,291', 6,367' - 6,381' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 66 holes). POH & LD perf guns. BD CW stg #8 perfs w/2% KCL wtr & EIR. A. MV perfs fr/6,280' - 6,381' w/1,350 gals of 7-1/2% NEFE HCL ac & 99 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 1,707 psig, 5" SIP 1,549 psig, 10" SIP 1,370 psig, surge balls off perfs & SD 20". Fracd MV stg #8 perfs fr/6,280' - 6,381', dwn 5-1/2" csg w/31,736 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 42,200# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 2,407 psig, 5" SIP 2,030 psig. Used 969,500 mscf of N2, 756 BLW (stg 8). RIH & set 6K CBP @ 6,200'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf CW stage #9 intv fr/5,939' - 5,942', 5,962' - 5,972', 6,048' - 6,052' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 54 holes). POH & LD perf guns. W/HES EMR quartz gauges inplace, preform DFIT tst (pmp 1000 gals of 2% KCL wtr @ 5.5 bpm) on stg #9 perfs fr/5,939' - 6,052'. SWI & SDFN. 7,307 BLWTR ttl.

5/25/08

SICP 0 psig. W/HES & Casedhole Solutions WL rigged up. Held safety mtg & PT all surface lines to 7,500 psig, held gd. W/MV stg #9 perfid w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs, fr/5,939' - 5,942', 5,962' - 5,972' & 6,048' - 6,052' w/3 JSPF (120 deg phasing, 0.41" EHD, 45.16" pene., 54 holes). BD CW stg #9 perfs w/2% KCL wtr & EIR. A. MV perfs fr/5,939' - 6,052' w/1,150 gals of 7-1/2% NEFE HCL ac & 81 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 1,766 psig, 5" SIP 1,644 psig, 10" SIP 1,547 psig, surge balls off perfs & SD 20". Fracd MV stg #9 perfs fr/5,939' - 6,052', dwn 5-1/2" csg w/25,689 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 37,600# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 2,033 psig, 5" SIP 1,801 psig. Used 630,900 mscf of N2, 612 BLW (stg 9). RIH set 6K CBP @ 5,430'. POH & RDMO WLU & HES. SWI & SDFN. 7,919 BLWTR ttl. Rpts suspd until further activity.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**XTO Energy Inc.**

3a. Address

**382 CR 3100 Aztec, NM 87410**

3b. Phone No. (include area code)

**505-333-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SHL: 2007' FSL & 1168' FEL NESE SEC 10-T10S-R19E SLB&M**

**BHL: 2350' FNL & 1350' FEL SWNE SEC 10-T10S-R19E SLB&M**

5. Lease Serial No.

**U-013792**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**RIVER BEND UNIT**

8. Well Name and No.

**RBU 23-10E**

9. API Well No.

**43-047-38587**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES  
WASATCH-MESA VERDE**

11. County or Parish, State

**UINTAH UTAH**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>JUNE '08</b> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>MONTHLY REPORTING</b>                                  |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Attached is XTO Energy's monthly report for the period of 06/01/2008 thru 06/30/2008.

RECEIVED

JUL 07 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**WANETT MCCAULEY**

Title **FILE CLERK**

Signature

*Wanett McCauley*

Date **07/01/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

LOGM COPY

## Farmington Well Workover Report

RIVERBEND UNIT	Well # 023-10E	MV/WSTC
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**Objective:** Drill & Complete

**First Report:** 11/02/2007

**AFE:** 715565

**6/10/08** SICP 200 psig. MIRU Temples WS #2 . Bd well. ND frac vlv. NU BOP. PU & TIH w/4-3/4" hurricane mill, safety sub , BRS, 2 3/8" SN & 172 jts 2-3/8", L-80, 4.7#, EUE, 8rd tbg. EOT @ 5420'. RU pwr swivel. SWI & SDFN. 4855 BLWTR.

**6/11/08** SITP 0 psig, SICP 0 psig. Cont to TIH, tgd CBP @ 5,430'. Estb circ w/rig pmp. DO CBP @ 5,430'. DO CBP's w/well energy @ 6,200' (CO 25' sd abv plg), 6,510', ( CO 20' sd abv plg), Started drilling CBP @ 6,780', (CO 25' sd abv plg), Lost 10,000 lbs of strg wt, incrd pmp rate to 2 BPM. Cont to drill on plg, FCP 1000 psig on a 32/64 ck. Swivel stalled, PU on tbg, unable to move tbg. Incr pmp rate to 3-1/2 BPM, wrk tbg fr/36K to 70K, unable to free tbg. ND hydrill to expose tbg col, RD pwr swivel, installed 6' tbg sub & NU Hydrill. OWU to the pit tk on a 24/64" ck overnight. SITP 0 psig, FCP 300 psig. F. 0 BO, 49 BLW, 12 hrs, SITP 0 psig - 0 psig, FCP 3,000 psig - 300 psig, 24/64" ck. Rets of sd, gas, wtr. 4,806 BLWTR. MV perf fr/6,280' - 8,926'.

**6/12/08** SITP 0 psig, FCP 300 psig. MIRU WLU, RIH w/free point, found tbg to be stuck @ the bit 6786'. POH, LD free point tls, RIH w/chemical cutter and cut tbg @ 6,775'. POH LD WL tls, RDMO WLU. Contrl well w/120 bbls of trtd 2% kcl wtr. TOH w/213 jts of tbg and 22' cut off jt. TIH w/ 3-3/8" OS, dressed w/ 2-3/8" grapple, jars, BS, 4 3-1/2" DC, intensifier, and tbg. Tg fish @ 6,775'. Wrk on fish while ppg dwn tbg. Pulled 8K over string weight, fish moved dwn hole 10'. TOH w/tbg, and BHA. Did not recover fish. TIH w/same BHA and full opn control below grapple, on tbg. SWI w/EOT @ 1500'. 4,926 BLWTR. MV perf fr/6,280' - 8,926'.

Flow	<b>Zone:</b>	CASTLE GATE			
	<b>Event Desc:</b>	FLOW BACK			
		<b>Avg</b>	<b>Choke</b>	<b>Top Interval:</b>	<b>Bottom Interval:</b>
				6,280 7,326	
				BBLs	
	<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
	5:00:00 PM	3,000	24/64	11	Tr sd, wtr, & gas.
	6:00:00 PM	2,500	24/64	5	Tr sd, wtr, & gas.
	7:00:00 PM	2,000	24/64	5	Tr sd, wtr, & gas.
	8:00:00 PM	1,500	24/64	5	Tr sd, wtr, & gas.
	9:00:00 PM	1,000	24/64	6	Tr sd, wtr, & gas.
	10:00:00 PM	800	24/64	2	Tr sd, wtr, & gas.
	11:00:00 PM	600	24/64	3	Tr sd, wtr, & gas.
	12:00:00 AM	400	24/64	2	Tr sd, wtr, & gas.
	1:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
	2:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
	3:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
	4:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
	5:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
			<b>Ttl Bbls:</b>	49	

**6/13/08** SITP 0 psig, SICP 0 psig. Cont to TIH w/fishing BHA. Tgd TOF @ 6815', pushed fish to 7368'. Latched onto & jarred fish free. TOH & LD fishing tls, recd & LD fish. TIH w/4-3/4" rock tooth bit, SS, BRS, SN & tbg. Tgd @ 7368', estb circ w/rig pmp. DO CBP @ 7390', (CO 22' sd abv plg). DO CBP's w/well energy @ 7,600' (CO 30' sd abv plg), 8,060', ( CO 28' sd abv plg), 8,320', (CO 40' sd abv plg), & 8,550' ( CO 42' sd abv plg). TIH CO 38' of fill to PBTD @ 8,973'. Circ well cln. TOH & LD 31 jts of tbg. Ld 253 jts of 2-3/8", 4.7#, L-80, EUE, 8rd tbg on hgr. EOT @ 8,059', SN @ 8,056'. CW/UB/MV perfs fr/6,280' - 8,926'. SWI & SDFN. 4,926 BLWTR Ttl.

Flow	<b>Zone:</b>	CASTLE GATE			
	<b>Event Desc:</b>	FLOW BACK			
		<b>Avg</b>	<b>Choke</b>	<b>Top Interval:</b>	<b>Bottom Interval:</b>
				6,280 7,326	
				BBLs	
	<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>

5:00:00 PM	3,000	24/64	11	Tr sd, wtr, & gas.
6:00:00 PM	2,500	24/64	5	Tr sd, wtr, & gas.
7:00:00 PM	2,000	24/64	5	Tr sd, wtr, & gas.
8:00:00 PM	1,500	24/64	5	Tr sd, wtr, & gas.
9:00:00 PM	1,000	24/64	6	Tr sd, wtr, & gas.
10:00:00 PM	800	24/64	2	Tr sd, wtr, & gas.
11:00:00 PM	600	24/64	3	Tr sd, wtr, & gas.
12:00:00 AM	400	24/64	2	Tr sd, wtr, & gas.
1:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
2:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
3:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
4:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.
5:00:00 AM	300	24/64	2	Tr sd, wtr, & gas.

**Ttl Bbls:** 49

6/14/08 SITP 0 psig, SICP 1850 psig. RU swb tls. RIH w/XTO's 1.90" tbg broach to SN @ 8056' (no ti spts). POH & LD broach. ND BOP. NU WH. Dropd ball & ppd off BRS w/2200 psig. Tbg KO flwg. RDMO Temples WS #2. Recd 120 BLW during CO. 4,806 BLWTR. Turn well over to flow back crew. CW/UB/MV perfs fr/6,280' - 8,926'. FTP 300 psig, SICP 1500 psig. F. 0 BO, 212 BLW, 10 hrs, FTP 650 - 300 psig, SICP 2000 - 1700 psig, 12/64" ck. Rets of tr sd, gas, wtr. 4,594 BLWTR Ttl.

<i>Flow</i>	<b>Zone:</b>	MV			
	<b>Event Desc:</b>	FLOW BACK		<b>Top Interval:</b> 6,280	<b>Bottom Interval:</b> 8,926
		<b>Avg</b>	<b>Choke</b>	<b>BBLS</b>	
	<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
	1:00:00 PM	2,000	12/64	12	Tr sd, wtr, & gas.
	2:00:00 PM	2,000	12/64	8	Tr sd, wtr, & gas.
	3:00:00 PM	2,000	12/64	8	Tr sd, wtr, & gas.
	4:00:00 PM	2,000	12/64	8	Tr sd, wtr, & gas.
	5:00:00 PM	2,000	12/64	8	Tr sd, wtr, & gas.
	6:00:00 PM	2,000	12/64	8	Tr sd, wtr, & gas.
	7:00:00 PM	1,950	12/64	12	Tr sd, wtr, & gas.
	8:00:00 PM	1,850	12/64	8	Tr sd, wtr, & gas.
	9:00:00 PM	1,800	12/64	8	Tr sd, wtr, & gas.
	10:00:00 PM	1,750	12/64	8	Tr sd, wtr, & gas.
	11:00:00 PM	1,700	12/64	8	Tr sd, wtr, & gas.
	12:00:00 AM	1,650	12/64	8	Tr sd, wtr, & gas.
	1:00:00 AM	1,500	12/64	12	Tr sd, wtr, & gas.
	2:00:00 AM	1,400	12/64	16	Tr sd, wtr, & gas.
	3:00:00 AM	1,500	12/64	32	Tr sd, wtr, & gas.
	4:00:00 AM	1,500	12/64	48	Tr sd, wtr, & gas.
			<b>Ttl Bbls:</b>	212	

6/15/08 FTP 900 psig, SICP 1500 psig. F. 0 BO, 356 BLW, 24 hrs, FTP 900 - 800 psig, SICP 1500 - 1200 psig, 18/64" ck. Rets of tr sd, gas, wtr. 4,238 BLWTR. CW/UB/MV perfs fr/6,280' - 8,926'.

<i>Flow</i>	<b>Zone:</b>	MV			
	<b>Event Desc:</b>	FLOW BACK		<b>Top Interval:</b> 6,280	<b>Bottom Interval:</b> 8,926
		<b>Avg</b>	<b>Choke</b>	<b>BBLS</b>	
	<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
	6:00:00 AM	1,500	18/64	24	Tr sd, wtr, & gas.
	7:00:00 AM	1,500	18/64	24	Tr sd, wtr, & gas.
	8:00:00 AM	1,500	18/64	16	Tr sd, wtr, & gas.

9:00:00 AM	1,450	18/64	16	Tr sd, wtr, & gas.
10:00:00 AM	1,450	18/64	16	Tr sd, wtr, & gas.
11:00:00 AM	1,450	18/64	16	Tr sd, wtr, & gas.
12:00:00 PM	1,450	18/64	16	Tr sd, wtr, & gas.
1:00:00 PM	1,450	18/64	12	Tr sd, wtr, & gas.
2:00:00 PM	1,450	18/64	12	Tr sd, wtr, & gas.
3:00:00 PM	1,450	18/64	16	Tr sd, wtr, & gas.
4:00:00 PM	1,450	18/64	16	Tr sd, wtr, & gas.
5:00:00 PM	1,450	18/64	16	Tr sd, wtr, & gas.
6:00:00 PM	1,450	18/64	12	Tr sd, wtr, & gas.
7:00:00 PM	1,450	18/64	12	Tr sd, wtr, & gas.
8:00:00 PM	1,450	18/64	12	Tr sd, wtr, & gas.
9:00:00 PM	1,350	18/64	12	Tr sd, wtr, & gas.
10:00:00 PM	1,300	18/64	12	Tr sd, wtr, & gas.
11:00:00 PM	1,250	18/64	16	Tr sd, wtr, & gas.
12:00:00 AM	1,250	18/64	16	Tr sd, wtr, & gas.
1:00:00 AM	1,200	18/64	16	Tr sd, wtr, & gas.
2:00:00 AM	1,200	18/64	12	Tr sd, wtr, & gas.
3:00:00 AM	1,200	18/64	12	Tr sd, wtr, & gas.
4:00:00 AM	1,200	18/64	12	Tr sd, wtr, & gas.
5:00:00 AM	1,200	18/64	12	Tr sd, wtr, & gas.

Ttl Bbls: 356

6/16/08 FTP 800 psig, SICP 1200 psig. F. 0 BO, 256 BLW, 24 hrs, FTP 800 - 750 psig, SICP 1200 - 1350 psig, 18/64" ck. Rets of tr sd, gas, wtr. 3,982 BLWTR. CW/UB/MV perfs fr/6,280' - 8,926'.

Flow	Zone:	MV			
	Event Desc:	FLOW BACK		Top Interval: 6,280	Bottom Interval: 8,926
		Avg	Choke	BBLs	
	Time	Press	Size	Rec	Comments
	6:00:00 AM	1,200	18/64	12	Tr sd, wtr, & gas.
	7:00:00 AM	1,250	18/64	12	Tr sd, wtr, & gas.
	8:00:00 AM	1,250	18/64	12	Tr sd, wtr, & gas.
	9:00:00 AM	1,250	18/64	8	Tr sd, wtr, & gas.
	10:00:00 AM	1,250	18/64	8	Tr sd, wtr, & gas.
	11:00:00 AM	1,250	18/64	12	Tr sd, wtr, & gas.
	12:00:00 PM	1,250	18/64	12	Tr sd, wtr, & gas.
	1:00:00 PM	1,250	18/64	8	Tr sd, wtr, & gas.
	2:00:00 PM	1,300	18/64	16	Tr sd, wtr, & gas.
	3:00:00 PM	1,400	18/64	12	Tr sd, wtr, & gas.
	4:00:00 PM	1,400	18/64	8	Tr sd, wtr, & gas.
	5:00:00 PM	1,400	18/64	12	Tr sd, wtr, & gas.
	6:00:00 PM	1,400	18/64	12	Tr sd, wtr, & gas.
	7:00:00 PM	1,400	18/64	8	Tr sd, wtr, & gas.
	8:00:00 PM	1,400	18/64	12	Tr sd, wtr, & gas.
	9:00:00 PM	1,400	18/64	8	Tr sd, wtr, & gas.
	10:00:00 PM	1,400	18/64	12	Tr sd, wtr, & gas.
	11:00:00 PM	1,400	18/64	12	Tr sd, wtr, & gas.
	12:00:00 AM	1,350	18/64	8	Tr sd, wtr, & gas.
	1:00:00 AM	1,350	18/64	8	Tr sd, wtr, & gas.
	2:00:00 AM	1,350	18/64	12	Tr sd, wtr, & gas.
	3:00:00 AM	1,350	18/64	8	Tr sd, wtr, & gas.

4:00:00 AM	1,350	18/64	12	Tr sd, wtr, & gas.
5:00:00 AM	1,350	18/64	12	Tr sd, wtr, & gas.
<b>Ttl Bbls:</b>			256	

6/17/08 FTP 750 psig, SICP 1350 psig. F. 0 BO, 172 BLW, 24 hrs, FTP 750 - 750 psig, SICP 1350 - 1200 psig, 18/64" ck. Rets of tr sd, gas, wtr. 3,810 BLWTR Ttl. CW/UB/MV perfs fr/6,280' - 8,926'.

Flow	Zone:	MV			
	Event Desc:	FLOW BACK	Top Interval: 6,280	Bottom Interval: 8,926	
		Avg	Choke	BBLs	
	Time	Press	Size	Rec	
				Comments	
	6:00:00 AM	1,350	18/64	12	Tr sd, wtr, & gas.
	7:00:00 AM	1,350	18/64	8	Tr sd, wtr, & gas.
	8:00:00 AM	1,350	18/64	8	Tr sd, wtr, & gas.
	9:00:00 AM	1,350	18/64	8	Tr sd, wtr, & gas.
	10:00:00 AM	1,350	18/64	8	Tr sd, wtr, & gas.
	11:00:00 AM	1,350	18/64	8	Tr sd, wtr, & gas.
	12:00:00 PM	1,300	18/64	8	Tr sd, wtr, & gas.
	1:00:00 PM	1,300	18/64	8	Tr sd, wtr, & gas.
	2:00:00 PM	1,300	18/64	8	Tr sd, wtr, & gas.
	3:00:00 PM	1,300	18/64	12	Tr sd, wtr, & gas.
	4:00:00 PM	1,300	18/64	8	Tr sd, wtr, & gas.
	5:00:00 PM	1,300	18/64	8	Tr sd, wtr, & gas.
	6:00:00 PM	1,250	18/64	8	Tr sd, wtr, & gas.
	7:00:00 PM	1,250	18/64	8	Tr sd, wtr, & gas.
	8:00:00 PM	1,250	18/64	8	Tr sd, wtr, & gas.
	9:00:00 PM	1,250	18/64	8	Tr sd, wtr, & gas.
	10:00:00 PM	1,250	18/64	8	Tr sd, wtr, & gas.
	11:00:00 PM	1,200	18/64	4	Tr sd, wtr, & gas.
	12:00:00 AM	1,200	18/64	8	Tr sd, wtr, & gas.
	1:00:00 AM	1,200	18/64	4	Tr sd, wtr, & gas.
	2:00:00 AM	1,200	18/64	4	Tr sd, wtr, & gas.
	3:00:00 AM	1,200	18/64	4	Tr sd, wtr, & gas.
	4:00:00 AM	1,200	18/64	4	Tr sd, wtr, & gas.
	5:00:00 AM	1,200	18/64	8	Tr sd, wtr, & gas.
			<b>Ttl Bbls:</b>	180	

6/18/08 FTP 750 psig, SICP 1200 psig. F. 0 BO, 144 BLW, 24 hrs, FTP 750 - 750 psig, SICP 1200 - 1100 psig, 18/64" ck. Rets of tr sd, gas, wtr. 3,666 BLWTR Ttl. CW/UB/MV perfs fr/6,280' - 8,926'.

Flow	Zone:	MV			
	Event Desc:	FLOW BACK	Top Interval: 6,280	Bottom Interval: 8,926	
		Avg	Choke	BBLs	
	Time	Press	Size	Rec	
				Comments	
	6:00:00 AM	1,200	18/64	8	Tr sd, wtr, & gas.
	7:00:00 AM	1,200	18/64	8	Tr sd, wtr, & gas.
	8:00:00 AM	1,150	18/64	8	Tr sd, wtr, & gas.
	9:00:00 AM	1,150	18/64	4	Tr sd, wtr, & gas.
	10:00:00 AM	1,150	18/64	8	Tr sd, wtr, & gas.
	11:00:00 AM	1,150	18/64	8	Tr sd, wtr, & gas.
	12:00:00 PM	1,150	18/64	12	Tr sd, wtr, & gas.
	1:00:00 PM	1,150	18/64	8	Tr sd, wtr, & gas.

2:00:00 PM	1,150	18/64	4	Tr sd, wtr, & gas.
3:00:00 PM	1,150	18/64	4	Tr sd, wtr, & gas.
4:00:00 PM	1,150	18/64	4	Tr sd, wtr, & gas.
5:00:00 PM	1,150	18/64	8	Tr sd, wtr, & gas.
6:00:00 PM	1,150	18/64	4	Tr sd, wtr, & gas.
7:00:00 PM	1,150	18/64	8	Tr sd, wtr, & gas.
8:00:00 PM	1,150	18/64	4	Tr sd, wtr, & gas.
9:00:00 PM	1,150	18/64	4	Tr sd, wtr, & gas.
10:00:00 PM	1,100	18/64	8	Tr sd, wtr, & gas.
11:00:00 PM	1,100	18/64	4	Tr sd, wtr, & gas.
12:00:00 AM	1,100	18/64	8	Tr sd, wtr, & gas.
1:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
2:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
3:00:00 AM	1,100	18/64	8	Tr sd, wtr, & gas.
4:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
5:00:00 AM	1,100	18/64	0	Tr sd, wtr, & gas.

Ttl Bbls: 144

6/19/08 FTP 750 psig, SICP 1100 psig. F. 0 BO, 116 BLW, 24 hrs, FTP 750 - 750 psig, SICP 1100 - 1000 psig, 18/64" ck. Rets of tr sd, gas, wtr. 3,550 BLWTR Ttl. CW/UB/MV perfs fr/6,280' - 8,926'.

Flow Zone: MV  
Event Desc: FLOW BACK Top Interval: 6,280 Bottom Interval: 8,926

	Avg	Choke	BBLs	
Time	Press	Size	Rec	Comments
6:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
7:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
8:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
9:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
10:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
11:00:00 AM	1,100	18/64	4	Tr sd, wtr, & gas.
12:00:00 PM	1,100	18/64	8	Tr sd, wtr, & gas.
1:00:00 PM	1,050	18/64	4	Tr sd, wtr, & gas.
2:00:00 PM	1,050	18/64	8	Tr sd, wtr, & gas.
3:00:00 PM	1,050	18/64	4	Tr sd, wtr, & gas.
4:00:00 PM	1,050	18/64	4	Tr sd, wtr, & gas.
5:00:00 PM	1,050	18/64	4	Tr sd, wtr, & gas.
6:00:00 PM	1,050	18/64	8	Tr sd, wtr, & gas.
7:00:00 PM	1,050	18/64	4	Tr sd, wtr, & gas.
8:00:00 PM	1,050	18/64	4	Tr sd, wtr, & gas.
9:00:00 PM	1,050	18/64	8	Tr sd, wtr, & gas.
10:00:00 PM	1,050	18/64	4	Tr sd, wtr, & gas.
11:00:00 PM	1,050	18/64	4	Tr sd, wtr, & gas.
12:00:00 AM	1,050	18/64	4	Tr sd, wtr, & gas.
1:00:00 AM	1,050	18/64	4	Tr sd, wtr, & gas.
2:00:00 AM	1,050	18/64	8	Tr sd, wtr, & gas.
3:00:00 AM	1,000	18/64	4	Tr sd, wtr, & gas.
4:00:00 AM	1,000	18/64	4	Tr sd, wtr, & gas.
5:00:00 AM	1,000	18/64	4	Tr sd, wtr, & gas.

Ttl Bbls: 116

6/21/08 FTP 650 psig, SICP 1000 psig. F. 0 BO, 89 BLW, 24 hrs, FTP 650 - 600 psig, SICP 1,000 - 950 psig, 18/64" ck. Rets of tr



sd, gas, wtr. 3,382 BLWTR Ttl. CW/UB/MV perfs fr/6,280' - 8,926'.

<i>Flow</i>	<b>Zone:</b>	MV/WSTC			
	<b>Event Desc:</b>	Swab	<b>Top Interval:</b>	6,280	<b>Bottom Interval:</b> 8,926
		<b>Avg</b>	<b>Choke</b>	<b>BBLs</b>	
	<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
	6:00:00 AM	650	18	4	Tr sd, wtr, & gas. Csg Press 1000.
	7:00:00 AM	650	18	4	Tr sd, wtr, & gas. Csg Press 1000.
	8:00:00 AM	650	18	4	Tr sd, wtr, & gas. Csg Press 1000.
	9:00:00 AM	650	18	4	Tr sd, wtr, & gas. Csg Press 1000.
	10:00:00 AM	650	18	4	Tr sd, wtr, & gas. Csg Press 1000.
	11:00:00 AM	650	18	4	Tr sd, wtr, & gas. Csg Press 1000.
	12:00:00 PM	650	18	4	Tr sd, wtr, & gas. Csg Press 950.
	1:00:00 PM	650	18	4	Tr sd, wtr, & gas. Csg Press 950.
	2:00:00 PM	650	18	2	Tr sd, wtr, & gas. Csg Press 950.
	3:00:00 PM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	4:00:00 PM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	5:00:00 PM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	6:00:00 PM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	7:00:00 PM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	8:00:00 PM	650	12	3	Tr sd, wtr, & gas. Csg Press 950.
	9:00:00 PM	650	12	2	Tr sd, wtr, & gas. Csg Press 950.
	10:00:00 PM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	11:00:00 PM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	12:00:00 AM	650	12	2	Tr sd, wtr, & gas. Csg Press 950.
	1:00:00 AM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	2:00:00 AM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	3:00:00 AM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	4:00:00 AM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
	5:00:00 AM	650	12	4	Tr sd, wtr, & gas. Csg Press 950.
<b>Ttl Bbls:</b>				89	

6/22/08 FTP 600 psig, SICP 950 psig, F. 0 BO, 75 BLW, 24 hrs, FTP 600 - 600 psig, SICP 950 - 900 psig, 18/64" ck. Rets of tr sd, gas, wtr. 3,307 BLWTR Ttl. CW/UB/MV perfs fr/6,280' - 8,926'.

<i>Flow</i>	<b>Zone:</b>	MV/WSTC			
	<b>Event Desc:</b>	Flow Back	<b>Top Interval:</b>	6,280	<b>Bottom Interval:</b> 8,926
		<b>Avg</b>	<b>Choke</b>	<b>BBLs</b>	
	<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
	6:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
	7:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
	8:00:00 AM	600	18	4	Tr sd, wtr, & gas. Csg press 950.
	9:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
	10:00:00 AM	600	18	4	Tr sd, wtr, & gas. Csg press 950.
	11:00:00 AM	600	18	2	Tr sd, wtr, & gas. Csg press 950.
	12:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
	1:00:00 PM	600	18	4	Tr sd, wtr, & gas. Csg press 950.
	2:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg press 950.
	3:00:00 PM	600	18	4	Tr sd, wtr, & gas. Csg press 950.
	4:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
	5:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
	6:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg press 950.

7:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
8:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
9:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
10:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg press 950.
11:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg press 950.
12:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg press 950.
1:00:00 AM	600	18	4	Tr sd, wtr, & gas. Csg press 900.
2:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg press 900.
3:00:00 AM	600	18	4	Tr sd, wtr, & gas. Csg press 900.
4:00:00 AM	600	18	4	Tr sd, wtr, & gas. Csg press 900.
5:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg press 900.

Ttl Bbls: 75

6/23/08 FTP 600 psig, SICP 900 psig. F. 0 BO, 58 BLW, 24 hrs, FTP 600 - 550 psig, SICP 900 - 900 psig, 18/64" ck. Rets of tr sd, gas, wtr. 3,249 BLWTR Ttl. CW/UB/MV perfs fr/6,280' - 8,926'.

Flow Zone: MV/WSTC  
Event Desc: Flow Back Top Interval: 6,280 Bottom Interval: 8,926

	Avg	Choke	BBLS	
Time	Press	Size	Rec	Comments
6:00:00 AM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
7:00:00 AM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
8:00:00 AM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
9:00:00 AM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
10:00:00 AM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
11:00:00 AM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
12:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
1:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
2:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
3:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
4:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
5:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
6:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
7:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
8:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
9:00:00 PM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
10:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
11:00:00 PM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
12:00:00 AM	600	18	2	Tr sd, wtr, & gas. Csg Press 900.
1:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
2:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
3:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
4:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.
5:00:00 AM	600	18	3	Tr sd, wtr, & gas. Csg Press 900.

Ttl Bbls: 58

6/24/08 FTP 550 psig, SICP 900 psig. F. 0 BO, 56 BLW, 24 hrs, FTP 550 - 550 psig, SICP 900 - 900 psig, 18/64" ck. Rets of tr sd, gas, wtr. 3,193 BLWTR Ttl. CW/UB/MV perfs fr/6,280' - 8,926'.

Flow Zone: MV/WSTC  
Event Desc: Flow Back Top Interval: 6,280 Bottom Interval: 8,926

Avg	Choke	BBLS
-----	-------	------

<u>Time</u>	<u>Press</u>	<u>Size</u>	<u>Rec</u>	<u>Comments</u>
12:00:00 AM	0		0	
6:00:00 AM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
7:00:00 AM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
8:00:00 AM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
9:00:00 AM	550	18	1	Tr sd, wtr, & gas. Csg Press 900.
10:00:00 AM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
11:00:00 AM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
12:00:00 PM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
1:00:00 PM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
2:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
3:00:00 PM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
4:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
5:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
6:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
7:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
8:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
9:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
10:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
11:00:00 PM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
12:00:00 AM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
1:00:00 AM	550	18	3	Tr sd, wtr, & gas. Csg Press 900.
2:00:00 AM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
3:00:00 AM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
4:00:00 AM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
5:00:00 AM	550	18	2	Tr sd, wtr, & gas. Csg Press 900.
<b>Ttl Bbls:</b>			<b>56</b>	

6/25/08 FTP 550 psig, SICP 900 psig, F. 0 BO, 28 BLW, 16 hrs, FTP 550 - 600 psig, SICP 900 - 900 psig, 18-12-18/64" ck. Rets of tr sd, gas, wtr. 3,165 BLWTR Ttl. CW/UB/MV perfs fr/6,280' - 8,926'.

Flow

**Zone:** MV

**Event Desc:** FLOW BACK

**Top Interval:** 6,280

**Bottom Interval:** 8,926

	<u>Avg</u>	<u>Choke</u>	<u>BBLs</u>	
<u>Time</u>	<u>Press</u>	<u>Size</u>	<u>Rec</u>	<u>Comments</u>
6:00:00 AM	900	18/64	3	Tr sd, wtr, & gas.
7:00:00 AM	900	12/64	2	Chng ck to test gas.
8:00:00 AM	900	12/64	1	Chng ck to test gas.
9:00:00 AM	900	12/64	1	Chng ck to test gas.
10:00:00 AM	0	0	0	Shut well in, rig used tk.
11:00:00 AM	0	0	0	Shut well in, rig used tk.
12:00:00 PM	0	0	0	Shut well in, rig used tk.
1:00:00 PM	0	0	0	Shut well in, rig used tk.
2:00:00 PM	0	0	0	Shut well in, rig used tk.
3:00:00 PM	0	0	0	Shut well in, rig used tk.
4:00:00 PM	0	0	0	Shut well in, rig used tk.
5:00:00 PM	0	0	0	Shut well in, rig used tk.
6:00:00 PM	0	0	0	Opn well.
7:00:00 PM	1,150	18/64	1	Tr sd, wtr, & gas.
8:00:00 PM	900	18/64	2	Tr sd, wtr, & gas.
9:00:00 PM	850	18/64	2	Tr sd, wtr, & gas.
10:00:00 PM	800	18/64	2	Tr sd, wtr, & gas.

11:00:00 PM	800	18/64	2	Tr sd, wtr, & gas.
12:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
1:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
2:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
3:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
4:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
5:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.

**Ttl Bbls: 28**

**6/26/08** FTP 600 psig, SICP 900 psig, F. 0 BO, 10 BLW, 4 hrs, FTP 600 - 600 psig, SICP 900 - 900 psig, 18/64" ck. Rets of tr sd, gas, wtr. 3,155 BLWTR. CW/UB/MV perfs fr/6,280' - 8,926'. SWI to install tk battery.

*Flow* **Zone:** MV

**Event Desc:** FLOW BACK

**Top Interval:** 6,280

**Bottom Interval:** 8,926

	<b>Avg</b>	<b>Choke</b>	<b>BBLS</b>	
<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
6:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
7:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
8:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
9:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
10:00:00 AM	900	18/64	2	Tr sd, wtr, & gas.
11:00:00 AM	0	18/64	0	Shut well in to install Tk battery.

**Ttl Bbls: 10**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

SUBMIT IN TRIPLICATE - Other instructions on page 2

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

XTO Energy Inc.

## 3a. Address

382 CR 3100 Aztec, NM 87410

## 3b. Phone No. (include area code)

505-333-3100

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 2007' FSL &amp; 1168' FEL NESE SEC 10-T10S-R19E SLB&amp;M

BHL: 2350' FNL &amp; 1350' FEL SWNE SEC 10-T10S-R19E SLB&amp;M

## 5. Lease Serial No.

U-013792

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

RIVER BEND UNIT

## 8. Well Name and No.

RBU 23-10E

## 9. API Well No.

43-047-38587

## 10. Field and Pool, or Exploratory Area

NATURAL BUTTES

WASATCH-MESA VERDE

## 11. County or Parish, State

UINTAH

UTAH

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>JULY '08</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>MONTHLY REPORTING</u>                                  |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Attached is XTO Energy's monthly report for the period of 07/01/2008 thru 07/31/2008.

RECEIVED

AUG 11 2008

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

WANETT MCCAULEY

Title FILE CLERK

Signature

Date 08/04/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOGM COPY

# EXECUTIVE SUMMARY REPORT

7/1/2008 - 7/31/2008  
Report run on 8/4/2008 at 5:28 PM

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**Riverbend Unit 23-10E** - Natural Buttes, 10, 10S, 19E, Uintah, Utah, Tim Friesenhahn, Roosevelt,

**AFE: 715565**

Objective: Drill & Complete a Natural Buttes gas well

Rig Information: Temples WS, 1,

7/15/2008

Compl pre-fabrication & inst of 4" .188W X42 FB welded steel coated gas line across road x-ing. Std tie in of 3 mtr run to 4" .188W X42 FB welded steel bare gas line. Compl 3-4" beveled ends. Compl 8-4" & 2-2" welds. SDFN.

7/16/2008

===== Riverbend Unit 23-10E =====

Compl tie in of the 3" mtr run to 4" .188W X42 FB welded steel bare gas line. Compl tie int of 4" .188W X42 FB welded steel coated gas line across road x-ing. Compl flanging 1-3" 600# flange. Compl inst 2-2" bldn. Compl 4-4" beveled ends. Compl 10-4" & 2-2" welds. Compl inst & cemented gas anchor. SDFN.

7/23/2008

===== Riverbend Unit 23-10E =====

Compl PT @ 950 psig for 8 hrs on 4" .188 W X 42 steel gas line. PT good. FR for pipeline inst.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

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XTO Energy Inc.

## 3a. Address

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## 3b. Phone No. (include area code)

505-333-3100

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 2007' FSL &amp; 1168' FEL NESE SEC 10-T10S-R19E SLB&amp;M

BHL: 2350' ENL &amp; 1350' FEL SWNE SEC 10-T10S-R19E SLB&amp;M

## 5. Lease Serial No.

U-013792

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

RIVER BEND UNIT

## 8. Well Name and No.

REU 23-10E

## 9. API Well No.

43-047-38587

## 10. Field and Pool, or Exploratory Area

NATURAL BUTTES

WASATCH-MESA VERDE

## 11. County or Parish, State

UINTAH

UTAH

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
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| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                       |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>1st DELIVERY</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. first delivered this well to Questar Gas Management through the Tap 1 CDP on Thursday, August 7, 2008 @ 10:00 a.m. IFR of 850 MCFD.

XTO Meter # RSO693RF

Tap 1 CDP # 287504

RECEIVED

AUG 11 2008

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

JENNIFER M. HEMBRY

Title FILE CLERK

Signature

Date 08/08/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOGM COPY

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013792
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: RIVERBEND UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2007' FSL & 1168' FEL		8. WELL NAME and NUMBER: RBU 23-10E
5. PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304738587
6. COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES/WSTCH-MV
7. STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: AUGUST '08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy has nothing to report on this well for the period of 8/01/2008 thru 8/31/2008.

NAME (PLEASE PRINT) WANETT MCCAULEY	TITLE FILE CLERK
SIGNATURE <i>Wanett McCauley</i>	DATE 9/3/2008

(This space for State use only)

**RECEIVED**  
SEP 08 2008  
DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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4. LOCATION OF WELL FOOTAGES AT SURFACE: 2007' FSL & 1168' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S		8. WELL NAME and NUMBER: RBU 23-10E 9. API NUMBER: 4304738587 10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES/WSTCH-MV
		COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: SEPTEMBER '08 MONTHLY REPORT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/30/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy has nothing to report on this well for the period of 9/01/2008 thru 9/30/2008.

NAME (PLEASE PRINT) WANETT MCCAULEY

TITLE FILE CLERK

SIGNATURE

*Wanett McCauley*

DATE 10/3/2008

(This space for State use only)

RECEIVED

OCT 06 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

XTO Energy, Inc.

3a. Address

978 North Crescent Road, Roosevelt, UT. 84066

3b. Phone No. (include area code)

435-722-4521

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2007FSL & 1168FEL NESE SEC 10 T10S R19E

5. Lease Serial No.

U-013792

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

891016035A

8. Well Name and No.

River Bend Unit 23-10E

9. API Well No.

43-047-38587

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

**TYPE OF SUBMISSION**

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

**TYPE OF ACTION**

☐

Acidize

☐

Altering Casing

☐

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☐

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☒

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☐

Other

Interim reclamation

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Reserve pit reclaimed & reseeded on 8/04/2008

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Heather Butterfield

Title Regulatory Compliance Technician

Signature

Heather Butterfield

Date

11/03/08

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

NOV 05 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC.

3. ADDRESS OF OPERATOR:  
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:  
(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2007' FSL & 1168' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
U-013792

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
RIVERBEND UNIT

8. WELL NAME and NUMBER:  
RBU 23-10E

9. API NUMBER:  
4304738587

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES/WSTCH-MV

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: OCTOBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy has nothing to report on this well for the period of 10/01/2008 thru 10/31/2008.

RECEIVED

NOV 10 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) JENNIFER M. HEMBRY

TITLE FILE CLERK

SIGNATURE

Jennifer M. Hembry

DATE

11/5/2008

(This space for State use only)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S		9. API NUMBER: 4304738587
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES/WSTCH-MV
STATE: UTAH		

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<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DECEMBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Attached is XTO Energy's monthly report on this well for the period of 11/01/2008 thru 11/30/2008.

NAME (PLEASE PRINT) JENNIFER M. HEMBRY

TITLE REGULATORY CLERK

SIGNATURE

DATE 12/5/2008

(This space for State use only)

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DEC 09 2008

DIV. OF OIL, GAS & MINING

# EXECUTIVE SUMMARY REPORT

11/1/2008 - 11/30/2008  
Report run on 12/3/2008 at 5:08 PM

Riverbend Unit 23-10E - Natural Buttes, 10, 10S, 19E, Uintah, Utah, Tim  
Friesenhahn, Roosevelt, Flowing  
Objective: PWOPL

11/4/2008 FTP 113 psig. SICP 351 psig. SN @ 8058'. MIRU Production Logging Services  
SLU. BD tbg. PU & RIH w/ 1.625" blind box tls. Tagged fill @ 8967'. POH &  
LD tls. PU & RIH w/ 1.908" tbg broach. No ti spots. POH & LD tls. PU &  
RIH w/ BHBS w/ ck vlv & chased to sn. POH & LD tls. RWTP @ 2:00 p.m.  
11/4/08. RDMO Production Logging Services.

===== Riverbend Unit 23-10E =====

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 10S 19E S		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES/WSTCH-MV
COUNTY: UINTAH		STATE: UTAH

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<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
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	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report for the period of 12/01/2008 thru 12/31/2008.

NAME (PLEASE PRINT) JENNIFER M. HEMBRY	TITLE REGULATORY CLERK
SIGNATURE <i>Jennifer M. Hembry</i>	DATE 1/5/2009

(This space for State use only)

RECEIVED

JAN 12 2009

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Record Clean up

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. <b>U-013792</b>
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other		6. If Indian, Allottee or Tribe Name <b>N/A</b>
2. Name of Operator <b>XTO Energy Inc.</b>		7. Unit or CA Agreement Name and No. <b>RIVER BEND UNIT</b>
3. Address <b>382 CR 3100 Aztec, NM 87410</b>		8. Lease Name and Well No. <b>RBU 23-10E</b>
3a. Phone No. (include area code) <b>505-333-3100</b>		9. API Well No. <b>43-047-38587</b>
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>2,007 FSL &amp; 1,168' FEL</b>  At top prod. interval reported below  At total depth <b>2241' FNL &amp; 1361' FEL</b>		10. Field and Pool, or Exploratory <b>NATURAL BUTTES</b>
14. Date Spudded <b>11/14/2007</b>		11. Sec., T., R., M., or Block and Survey or Area <b>NESE SEC 10-T10S-R19E SLB&amp;M</b>
15. Date T.D. Reached <b>3/23/2008</b>		12. County or Parish <b>UINTAH</b>
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>8/07/2008</b>		13. State <b>UT</b>
18. Total Depth: MD <b>9,050'</b> TVD <b>8,909'</b>		17. Elevations (DF, RKB, RT, GL)* <b>5,041' GL</b>
19. Plug Back T.D.: MD <b>8,973'</b> TVD <b>8832</b>		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CN/3DL; CN/L/AIT; AIT/GR; CV/CP/GR; CBL</b>		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)
23. Casing and Liner Record (Report all strings set in well)		

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20" A53B	52.78	0	40'		125 REDIMIX		SURF	
17-1/2"	13.4/H40	48	0	564'		500 PREM		SURF	
12-1/4"	9.63/J55	36	0	3,495'		650 TYPE III		SURF	
7-7/8"	5.5" N80	17	0	9,022'		875 LIGHT		1,020'	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	8059'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WSTC/MVRD	5,939'	8,926'	5,939' - 8,926'	0.41"	485	
B)						
C)						
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5,939' - 8,926'	Acidized w/9,800 gals 7-1/2 NEFE HCL acid. Frac'd w/261,402 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 458,200# Premium White 20/40 sd coated w/Expedite Lite.

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/07/2008	6/24/2008	24	→	0	1038	56		1.042	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
18/64	550	900	→	0	1038	56		PRODUCING	

## 28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on page 2)

DIV. OF OIL, GAS &amp; MINING

DOGM COPY

JAN 27 2009

RECEIVED

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	1,337
				MAHOGENY BENCH	2,217
				WASATCH TONGUE	4,470
				UTELAND LIMESTONE	4,851
				WASATCH	4,996
				CHAPITA WELLS	5,830
				UTELAND BUTTE	7,248
				MESAVERDE	8,041
				TOTAL DEPTH	9,056

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd) ☐ Geologic Report ☐ DST Report ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) WANETT MCCAULEY

Title REGULATORY CLERK

Signature Wanett McCauley

Date 1/22/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**DIRECTIONAL      SURVEY      REPORT**

**XTO ENERGY**

**RBU 23 – 10E**

**UINTAH COUNTY, UT**

**PREPARED BY:      Matt Loucks**

March 24, 2008

**XTO ENERGY**  
2700 Farmington Ave Bldg K, Suite 1  
Farmington , NM 87401

Attn: John Egelston

RE: XTO ENERGY  
RBU 23 – 10E  
Uintah Co., UT  
RIG: Frontier 6  
FILENAME: 101007224-WY-WY

Dear Sir:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was ran.

**SURVEY DATA**

- 1 - Original survey report and plot
- 2 - Survey report copies and plots

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (307) 265-3145.

Sincerely,

**Matt Loucks**  
E.I.C. (Engineer In Charge)  
PathFinder Energy Services

**RECEIVED**

**JAN 27 2009**

**DIV. OF OIL, GAS & MINING**

**DIRECTIONAL SURVEY COMPANY REPORT:**

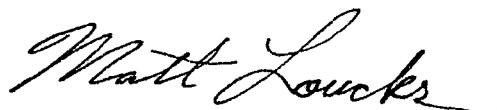
1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
  - A. Derrick Glover
  - B.
  - C.
3. POSITION OF SAID PERSON(S): (A) SURVEYOR FIELD ENGINEER(s).
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 03/10/2008 TO 03/15/2008
5. STATE IN WHICH SURVEY WAS PERFORMED: ONSHORE, UTAH
6. LOCATION OF WELL: UINTAH CO., UT
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

XTO ENERGY

RBU 23 – 10E

Uintah Co., UT

RIG:       Frontier 6
9. SURVEY CERTIFIED FROM: 446 TO 4,426 FEET MEASURED DEPTH.
10. THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 946.14 FEET ON A BEARING OF 348.25 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT PROJECTED MEASURED DEPTH OF 4,468 FEET ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



---

**Matt Loucks**

**E.I.C. (Engineer In Charge)**

## PathFinder Energy Services, Inc.

## Survey Report

KTO ENERGY

RBU2310E

UINTAH COUNTY, UTAH

Rig: FRONTIER 6

PathFinder Office Supervisor: RICH ARNOLD

PathFinder Field Engineers: DERRICK D. GLOVER

Survey Horiz. Reference: WELLHEAD

Ref Coordinates: LAT: 39.57.36.7990 N LON: 109.45.49.8488 W

GRID Reference: NAD83 Utah north Lambert

Ref GRID Coord: X: 2127173.4757 Y: 3149753.9554

North Aligned To: TRUE NORTH

Total Magnetic Correction: 11.58° EAST TO TRUE

Vertical Section Plane: 348.78

Survey Vert. Reference: 24.00' Kelly Bushing To Ground

Altitude: 5041.00' Ground To MSL

Survey Calculations by PathCalc v1.97e using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIE INTO SURFACE										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS										
446.00	0.13	29.73	446.00	446.00	0.38	0.44 N	0.25 E	0.51@	29.73	0.03
574.00	0.35	84.88	574.00	128.00	0.45	0.60 N	0.71 E	0.93@	49.88	0.23
605.00	0.53	234.39	605.00	31.00	0.38	0.53 N	0.69 E	0.87@	52.72	2.74
636.00	1.23	344.86	636.00	31.00	0.65	0.76 N	0.49 E	0.90@	32.53	4.84
667.00	1.76	23.71	666.99	31.00	1.38	1.52 N	0.59 E	1.63@	21.25	3.59
697.00	2.02	359.19	696.97	30.00	2.27	2.47 N	0.77 E	2.59@	17.29	2.81
761.00	4.31	1.56	760.87	64.00	5.73	6.00 N	0.82 E	6.06@	7.76	3.58
823.00	5.80	359.63	822.63	62.00	11.08	11.46 N	0.86 E	11.50@	4.30	2.42
884.00	8.53	356.38	883.14	61.00	18.59	19.06 N	0.56 E	19.07@	1.67	4.52
947.00	10.11	354.71	945.31	63.00	28.72	29.23 N	0.25 W	29.23@	359.51	2.54
1010.00	12.66	348.12	1007.07	63.00	41.13	41.50 N	2.18 W	41.55@	356.99	4.54
1074.00	14.68	343.19	1069.25	64.00	56.21	56.13 N	5.97 W	56.44@	353.93	3.64
1137.00	16.97	343.02	1129.86	63.00	73.31	72.56 N	10.96 W	73.39@	351.41	3.64
1201.00	18.38	340.29	1190.84	64.00	92.58	91.00 N	17.10 W	92.59@	349.36	2.56
1265.00	19.26	338.98	1251.42	64.00	112.96	110.35 N	24.28 W	112.99@	347.59	1.53
1328.00	19.52	337.83	1310.85	63.00	133.54	129.79 N	31.98 W	133.68@	346.16	0.73
1392.00	19.70	338.45	1371.13	64.00	154.65	149.73 N	39.98 W	154.97@	345.05	0.43
1455.00	19.87	337.39	1430.41	63.00	175.59	169.49 N	48.00 W	176.15@	344.19	0.63
1520.00	17.67	339.15	1491.95	65.00	196.15	188.91 N	55.76 W	196.96@	343.56	3.49
1583.00	20.22	338.62	1551.54	63.00	216.29	207.98 N	63.13 W	217.35@	343.12	4.06
1647.00	19.43	339.85	1611.74	64.00	237.69	228.28 N	70.83 W	239.01@	342.76	1.40
1711.00	19.70	339.94	1672.05	64.00	258.87	248.40 N	78.20 W	260.42@	342.53	0.42
1774.00	18.99	341.52	1731.49	63.00	279.53	268.10 N	85.09 W	281.28@	342.39	1.40

# PathFinder Energy Services, Inc.

## Survey Report

XTO ENERGY  
RBU2310E  
UINTAH COUNTY, UTAH  
RIG:FRONTIER 6

Page 02/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
1838.00	17.94	338.27	1792.20	64.00	299.55	287.13 N	92.04 W	301.52@	342.23	2.30
1901.00	16.62	342.58	1852.35	63.00	318.05	304.74 N	98.33 W	320.21@	342.12	2.92
1965.00	16.62	342.84	1913.68	64.00	336.25	322.22 N	103.77 W	338.52@	342.15	0.12
2029.00	16.97	345.04	1974.95	64.00	354.68	339.99 N	108.88 W	357.00@	342.24	1.13
2092.00	16.80	345.65	2035.24	63.00	372.94	357.69 N	113.51 W	375.27@	342.39	0.39
2155.00	18.03	348.91	2095.35	63.00	391.78	376.08 N	117.64 W	394.05@	342.63	2.49
2219.00	17.94	349.26	2156.22	64.00	411.55	395.49 N	121.38 W	413.69@	342.94	0.22
2282.00	17.67	349.61	2216.20	63.00	430.81	414.42 N	124.92 W	432.84@	343.23	0.46
2346.00	18.29	349.96	2277.08	64.00	450.56	433.87 N	128.42 W	452.47@	343.51	0.98
2409.00	18.82	350.93	2336.80	63.00	470.60	453.64 N	131.74 W	472.38@	343.81	0.97
2473.00	17.94	351.02	2397.54	64.00	490.76	473.57 N	134.91 W	492.41@	344.10	1.38
2536.00	17.32	350.93	2457.58	63.00	509.83	492.41 N	137.90 W	511.36@	344.35	0.99
2600.00	17.94	351.98	2518.57	64.00	529.19	511.58 N	140.78 W	530.59@	344.61	1.09
2662.00	17.32	353.48	2577.66	62.00	547.92	530.20 N	143.16 W	549.19@	344.89	1.24
2726.00	16.27	352.16	2638.93	64.00	566.37	548.55 N	145.46 W	567.51@	345.15	1.75
2789.00	16.00	351.63	2699.45	63.00	583.85	565.88 N	147.93 W	584.90@	345.35	0.49
2852.00	15.83	352.07	2760.03	63.00	601.10	582.98 N	150.38 W	602.07@	345.54	0.33
2916.00	16.44	353.30	2821.51	64.00	618.84	600.62 N	152.64 W	619.72@	345.74	1.09
2980.00	18.03	353.39	2882.64	64.00	637.75	619.46 N	154.84 W	638.52@	345.97	2.48
3043.00	17.76	356.99	2942.59	63.00	656.98	638.74 N	156.47 W	657.62@	346.24	1.81
3107.00	18.20	355.32	3003.47	64.00	676.57	658.45 N	157.79 W	677.09@	346.52	1.06
3171.00	17.59	355.24	3064.37	64.00	696.10	678.05 N	159.41 W	696.53@	346.77	0.95
3234.00	18.29	353.74	3124.31	63.00	715.41	697.36 N	161.28 W	715.77@	346.98	1.33
3298.00	18.03	352.25	3185.12	64.00	735.30	717.16 N	163.71 W	735.61@	347.14	0.83
3361.00	17.50	353.30	3245.11	63.00	754.48	736.23 N	166.13 W	754.74@	347.28	0.98
3425.00	16.97	353.48	3306.24	64.00	773.38	755.06 N	168.31 W	773.59@	347.43	0.83

# PathFinder Energy Services, Inc.

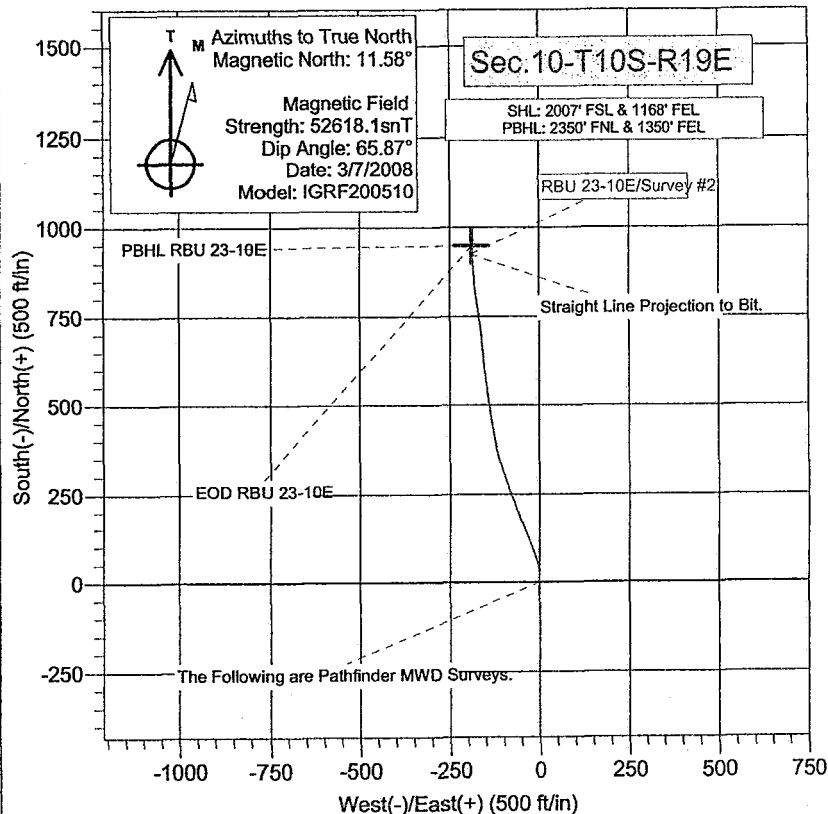
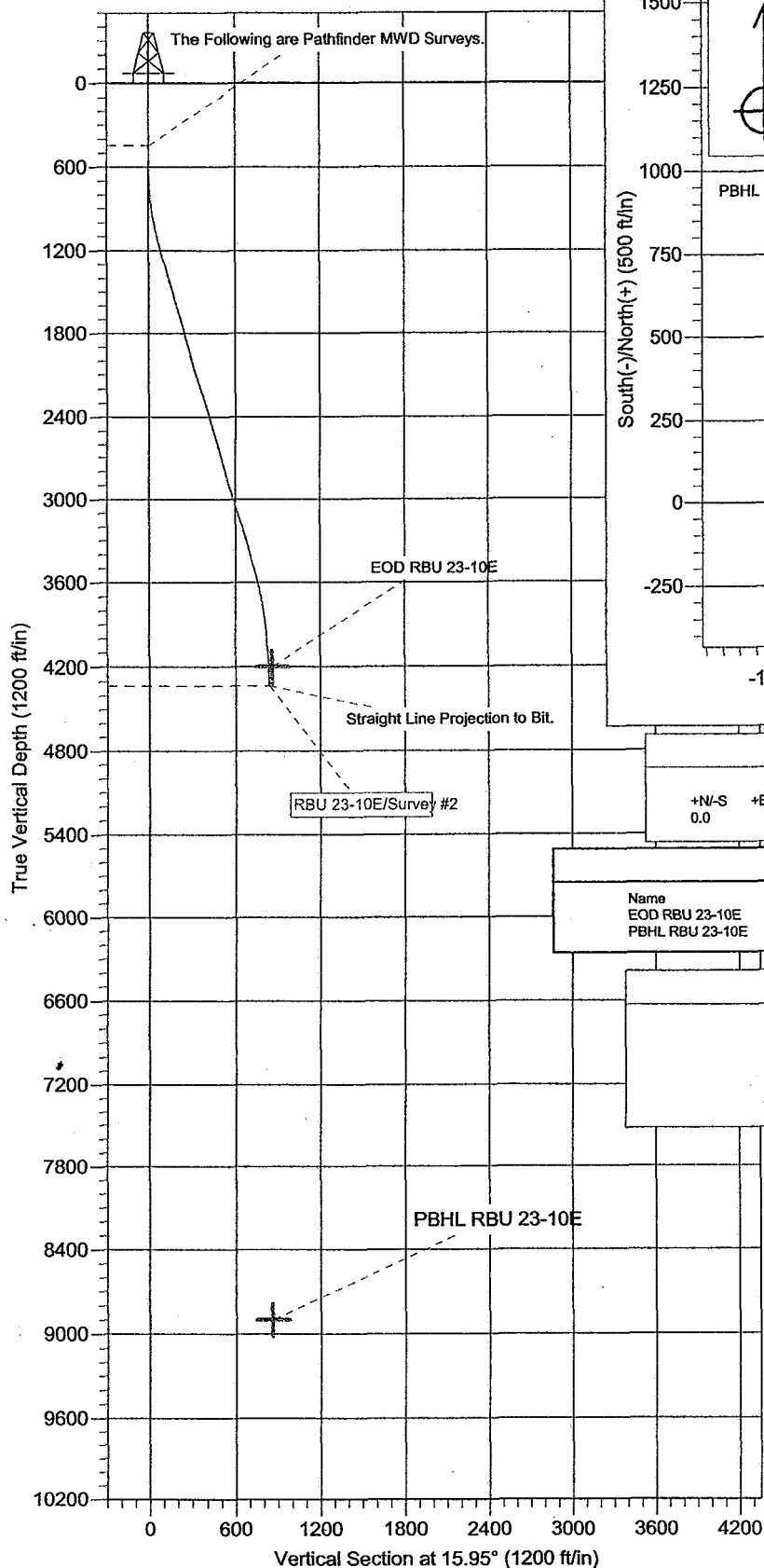
## Survey Report

XTO ENERGY  
RBU2310E  
UINTAH COUNTY, UTAH  
RIG:FRONTIER 6

Page 03/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
3467.00	16.44	350.93	3346.47	42.00	785.43	767.02 N	169.95 W	785.62@	347.51	2.15
3519.00	16.62	350.14	3396.32	52.00	800.22	781.61 N	172.38 W	800.40@	347.56	0.55
3583.00	17.32	350.67	3457.53	64.00	818.89	800.03 N	175.49 W	819.05@	347.63	1.12
3647.00	16.53	355.85	3518.76	64.00	837.45	818.51 N	177.70 W	837.58@	347.75	2.66
3710.00	15.21	355.94	3579.36	63.00	854.54	835.70 N	178.93 W	854.64@	347.92	2.10
3774.00	13.72	354.53	3641.33	64.00	870.42	851.63 N	180.25 W	870.49@	348.05	2.39
3838.00	12.57	355.24	3703.65	64.00	884.89	866.12 N	181.55 W	884.95@	348.16	1.81
3901.00	10.46	355.50	3765.38	63.00	897.39	878.66 N	182.57 W	897.42@	348.26	3.35
3965.00	9.23	354.88	3828.44	64.00	908.26	889.56 N	183.48 W	908.29@	348.35	1.93
4028.00	7.74	353.65	3890.75	63.00	917.51	898.81 N	184.40 W	917.53@	348.41	2.38
4048.00	6.16	352.07	3910.60	20.00	919.93	901.21 N	184.70 W	919.94@	348.42	7.96
4156.00	5.19	347.68	4018.07	108.00	930.60	911.72 N	186.54 W	930.61@	348.44	0.98
4219.00	4.04	341.17	4080.86	63.00	935.64	916.61 N	187.86 W	935.66@	348.42	2.00
4283.00	3.25	337.75	4144.73	64.00	939.66	920.42 N	189.28 W	939.68@	348.38	1.28
4346.00	2.37	330.63	4207.66	63.00	942.65	923.21 N	190.59 W	942.68@	348.34	1.50
4410.00	1.76	322.89	4271.61	64.00	944.79	925.15 N	191.83 W	944.83@	348.29	1.05
4426.00	1.41	321.13	4287.61	16.00	945.19	925.50 N	192.11 W	945.22@	348.27	2.21
STRAIGHT LINE PROJECTION TO BIT										
4468.00	1.41	321.13	4329.60	42.00	946.10	926.30 N	192.76 W	946.14@	348.25	0.00

Company: XTO Energy  
 Project: Uintah Co., UT  
 Site: Sec. 10-T10S-R19E  
 Well: RBU 23-10E  
 Wellbore: Wellbore #1  
 Survey: Survey #2 (RBU 23-10E/Wellbore #1)



T M Azimuths to True North  
 Magnetic North: 11.58°  
 Magnetic Field  
 Strength: 52618.1snT  
 Dip Angle: 65.87°  
 Date: 3/7/2008  
 Model: IGRF200510

Sec. 10-T10S-R19E

SHL: 2007' FSL & 1168' FEL  
 PBHL: 2350' FNL & 1350' FEL

RBU 23-10E/Survey #2

WELL DETAILS: RBU 23-10E

+N/-S	+E/-W	Northing	Easting	Ground Level:	Latitude	Longitude	Slot
0.0	0.0	7158957.38	2127026.00	5041.0	39° 57' 36.799 N	109° 45' 49.849 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
EOD RBU 23-10E	4200.0	949.7	-188.1	39° 57' 46.186 N	109° 45' 52.265 W	Point
PBHL RBU 23-10E	8900.0	949.7	-188.1	39° 57' 46.186 N	109° 45' 52.265 W	Point

ANNOTATIONS

TVD	MD	Annotation
0.0	0.0	Tie into Surface.
446.0	446.0	The Following are Pathfinder MWD Surveys.
4329.6	4468.0	Straight Line Projection to Bit.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-013792
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> RBU 23-10E
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2007 FSL 1168 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 10 Township: 10.0S Range: 19.0E Meridian: S		<b>9. API NUMBER:</b> 43047385870000
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/13/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Chemical Treatment"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. performed a chemical treatment on this well: 03/12/12. MIRU pmp trk. Pmpd 50 gal bleach dwn csg. Unloaded well & RWTP 03/13/12.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> March 23, 2012		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/23/2012	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-013792
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> RBU 23-10E
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. API NUMBER:</b> 43047385870000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2007 FSL 1168 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 10 Township: 10.0S Range: 19.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>5/5/2014</b>	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
	<input type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> CHANGE TUBING
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> OTHER
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> APD EXTENSION
	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. performed an acid treatment on this well per the following: 4/28/2014: MIRU ac crew. Pmpd 500 gal 15% HCl ac dwn csg. Pmpd 250 gal 15% HCl dwn tbg. Pmpd 15 bbl TFW dwn tbg & 30 bbl TFW dwn csg. RDMO ac crew. 4/30/2014: MIRU SWU. Swab. 5/1/2014: Swab. 5/5/2014: Swab. Cycld plngr to surf & RWTP. RDMO SWU.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 May 21, 2014

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/20/2014	